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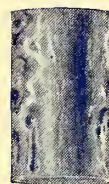
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The "Allenburys"  
**Pocket Iodine**

Just like a fountain pen. Clean in use.  
No Brush required. Convenient to carry.  
Fits the vest pocket.



Contains  
B.P.  
Tincture  
of Iodine



Packed in outers  
containing one dozen

Retail Price 1/6

Subject to usual Speciality discount

Bonus of two tubes with all orders of one dozen.

**Allen & Hanburys Ltd. :: London, E. 2**

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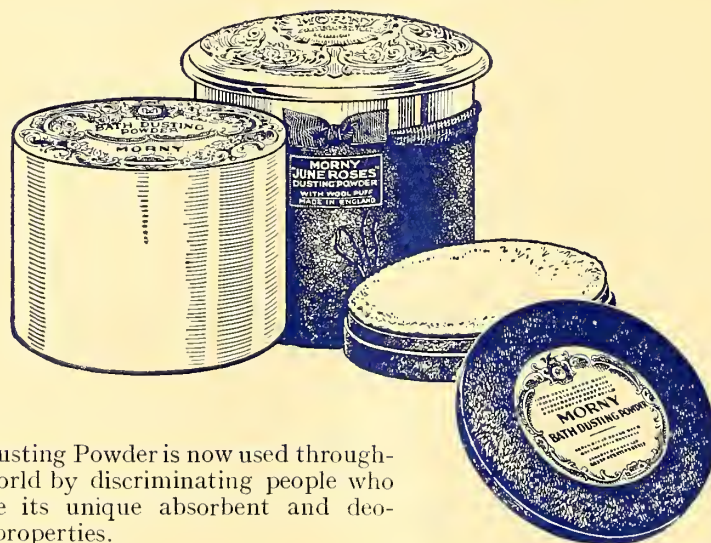
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ACTUAL  
SIZE

# MORNY

## BATH DUSTING POWDERS

“CHAMINADE” “GARDENIA MORNY”  
“JUNE ROSES” &c.



Bath Dusting Powder is now used throughout the world by discriminating people who appreciate its unique absorbent and deodorising properties.

Unlike most other productions consisting principally or wholly of powdered talc—which on account of its insolubility and consequent tendency to close the skin pores is unsuitable for use as a body dusting powder—Morny Bath Dusting Powder is a perfectly balanced composition of anti-abrasive, absorbent and deodorising ingredients.

It is supplied in sizes to suit the convenience of all your customers, the luxury bronze box with its beautifully decorated gilt lid (illustrated above) being a particularly handsome and practical container.

*Minimum Retail Prices in Great Britain :*

**SMALL SIZE 3/6**  
(Card Keg)

**FIRST STANDARD SIZE 5/-**  
(Card Keg)

**LUXURY BRONZE MODEL 7/6**  
(as illustrated)

APPLY FOR FULL PRICE LIST AND TERMS, ETC., TO —

**MORNY FRÈRES 6 NEW BURLINGTON**  
**LIMITED STREET, LONDON, W.1**



## *If you have no objection to us writing to your Wife—*

we should like very much to send her a sample of our new Summer line.

Because it is designed to appeal to the Ladies your Wife's impression of it will be very valuable to you in judging its merits.

Her opinion is much more likely than yours or ours to accurately reflect that of the Public. If she likes it—says how handy it is and pleasing to the eye—then you can accept the assurance of

### **“THE WIGGLESWORTH WAY”**

that the formula is the finest safeguard ever discovered against Mosquitoes and Midges.

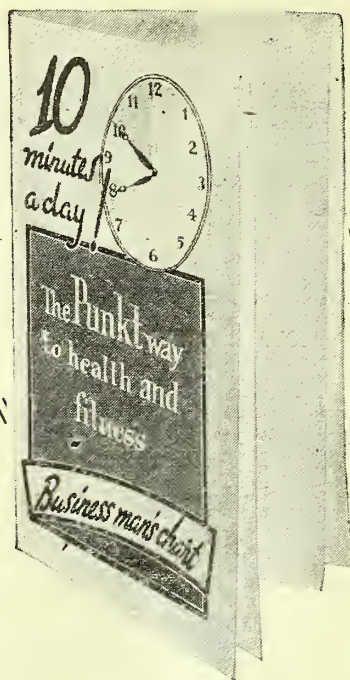
Send that P.C. now. When we post the sample to your Wife, you will receive all the details about the price and profit, together with a Photograph of a Window Display that will assure quick sales.

**WIGGLESWORTH LTD.  
WESTHOUGHTON  
LANCS.**

★ *Bachelor Chemists please note.*—In consideration of your deplorable handicap we are prepared to post you a sample direct on receipt of your P.C.



Star this for  
immediate  
attention—

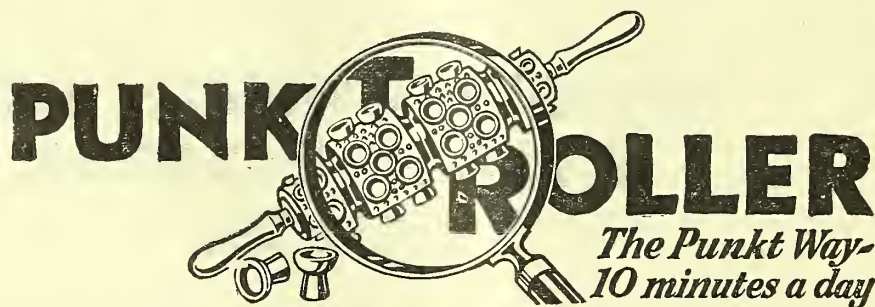


## Popularity of PUNKT CHART

*"The Punkt Way to  
Health and Fitness"*

**Proves its  
great value**

All over the country users of Punkt Rollers are calling for the New Health Chart. There are separate charts for men and women and one should always be given with each roller sold. Have you an ample supply? If not we shall be glad to send some of each on receipt of your name and address. These charts are being nationally advertised and your customers are bound to ask about them. A post card will do.



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Trade terms.

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(Dept. C.D.) 41 GREAT TOWER STREET, LONDON, E.C.3





*There will be a great demand for these special summer shades of*

# COTY

## FACE POWDER

*New!*

*Large model Coty Compacte, in the beautiful 'platinum tone' finish, obtainable in all shades 2/6.*

**OCRE  
D'ORIENT**

A summer shade especially to be recommended for the Brunette. It gives a dark sun-tan appearance.

**OCRE  
ROSEE**

This shade should be recommended to Brunettes with a fair skin. It gives a tanned appearance.

**SEVEROSE**

This shade should be recommended to the definite Blonde. It is a skilful blend of the "Rachel" and "Rose" shades.

*Loose Powder - Retail Price 1/9*

*Compactes in platinum-tone cases*

*Small Evening Bag size - 2/-*

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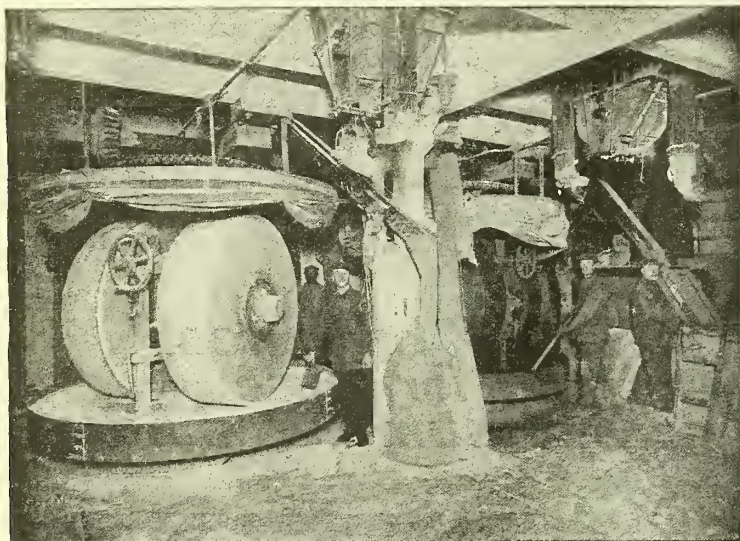
**COTY (ENGLAND) LTD.**

Coty House, 3 Stratford Place, London. W.1.

Telephone: Mayfair 7244-49.

Telegrams: Paricoty, Phone, London.

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**S**taffAllenS Powdered Drugs have been accepted as the standard quality for nearly a century.

**T**O unrivalled experience in Drug Grinding, up-to-date plant and skilled labour under scientific supervision must be added to explain the secret of StaffAllenS superiority.

**Y**OU will be well advised to send all your enquiries for Powdered Drugs to the home of Britain's Drug Milling Industry.

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ALOE  
BELLADONNA  
CAPSICUM  
DIGITALIS  
GENTIAN  
HENNA  
JALAP  
NUX VOMICA  
ORRIS  
RHUBARB  
SENN  
TRAGACANTH



# StaffAllenS POWDERED DRUGS

STAFFORD ALLEN & SONS, LTD.  
COWPER STREET, LONDON, E.C.2



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# For VARICOSE VEINS

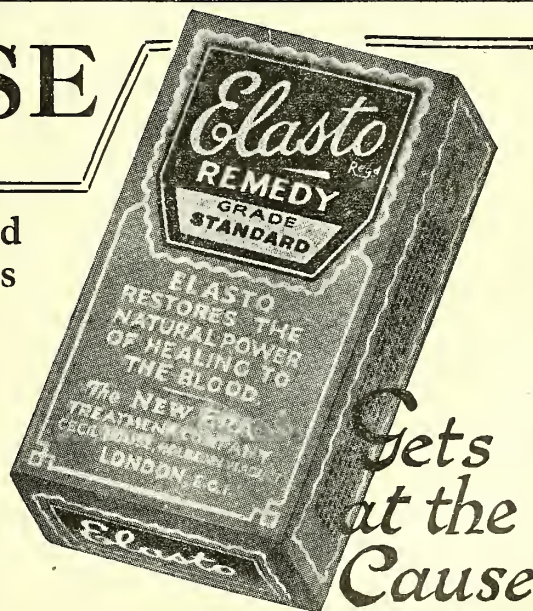
and the whole group of troubles attributed to

Relaxed Conditions of the tissues.

"ELASTO" is a scientifically prepared cell food—NOT A DRUG—and may be introduced with every confidence of extensive recommendation.

Recommend "ELASTO" for Varicose Veins, Ulcers, Eczema, Swollen Legs, Phlebitis, Thrombosis, Muscular Weakness, Bad Legs, Piles, Pro-lapsus, Varicocele, Hardened Arteries, Blood Pressure, Deficient Circulation and kindred ailments.

One size only (a month's treatment), 5/-; per doz., 45/- from your wholesaler.



Gets at the Cause

Prepared in the Laboratories of  
**THE NEW ERA TREATMENT CO.**  
CECIL HOUSE, HOLBORN VIADUCT,  
LONDON, E.C.

Full particulars, Showcards, and Leaflets on request.



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## Important Evidence by a Leading Professional Journal.

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THE NURSING MIRROR AND MIDWIVES' JOURNAL

April 19, 1930.

### The Nurses' Materia Medica. A GUARANTEED GUIDE.

By Our Analytical Experts.

## No. 16.—ROBOLEINE.

HAVING heard a good deal of the virtues of Roboleine as a good "body-builder" in cases of malnutrition, we selected a sample of this food for analysis by our experts this week, as we desired to know whether it was really as good as it was reported to be. The result has proved that its makers, Oppenheimer, Son and Co., Ltd., are justified in claiming that it contains all the vitamins at present known to medical science, and that it is an excellent digestive food. The sample analysed was found to contain the following:—

	Per cent.
Moisture	23.28
Fatty matter	4.04
Mineral matter	1.72
Phosphate as P <sub>2</sub> O <sub>5</sub>	0.78
Nitrogen	0.06
Equal to protein (Factor 6.38)	0.38

Maltose ... .. 52.00  
Lecithins and citralis were also present.

Roboleine is no new product. It has been in use for fully a generation, and proved itself valuable over and over again in cases of debility, loss of weight, malnutrition, sleeplessness, and especially so in tuberculous conditions. Nursing mothers have found both the quantity and quality of their milk improved by taking it, and for artificially fed babies it makes a useful adjunct in the diet. Full directions as to dosage are issued with each bottle, and nurses may feel quite safe in taking it themselves when feeling a little run-down, or in recommending a course of it to the convalescent patient just leaving their care. After influenza, typhoid fever, or any wasting condition, Roboleine should be taken regularly for three or four weeks while strength is returning.

## Journal.

The extract given shows the result of an independent analysis on a sample of **ROBOLEINE** purchased in the open market and made by the expert analysts advising a leading professional journal. The report shows that **ROBOLEINE** contains all the vitamins, and it confirms all the claims made for **ROBOLEINE** by the manufacturers, both as a body-builder and an anti-infective.

The Food that  
builds the Body.

# ROBOLEINE

The Food that  
builds the Body.

A Product of

## OPPENHEIMER SON & Co., Ltd.

HANDFORTH LABORATORIES

CLAPHAM ROAD, LONDON, S.W.9

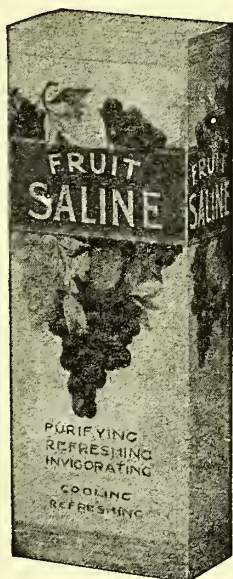


**MAY, ROBERTS'**  
*Special Offer of a Seasonable Line*

**FRUIT SALINE**  
**EFFERVESCING**

Manufactured with Best English Tartaric Acid, Soda Bicarb., etc., in combination with Empire Sugar.

Supplied in 8 oz. bottles in an attractive coloured carton at the following prices :—



Style D.

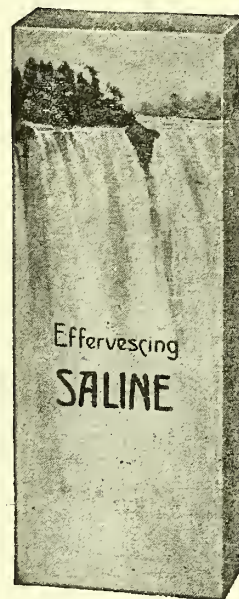
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9/- per doz.  
3 doz. at 8/6 per doz.  
6 doz. at 8/- per doz.  
12 doz. at 7/6 per doz.

---

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Style E.

Chemist's own name printed on 3 doz. and over if desired  
(Style D sent unless otherwise ordered.)

**SAMPLE BOTTLE SENT ON APPLICATION.**

Place your order now in time for the present season.

**MAY, ROBERTS & CO., LTD.**

7/13 Clerkenwell Road, LONDON, E.C.1

*The Doctor says*  
*"Weigh yourself*  
*regularly."*



This handsome Infant balance is given gratis with every Autoway.

**BODILY WEIGHT IS THE BAROMETER OF HEALTH**



MODEL A.—Finished in Cellulose grained Mahogany or in Brown or Mottled Blue Vitreous Enamel.

**T**O cater for the requirements of customers the Pharmacy must be equipped with a modern weighing machine. One that calls for no personal attention.

## THE AUTOWAY

Is handsome, compact, Irresistible. It turns pennies into pounds.

Pay a small deposit and let the Autoway defray its own cost.

Autoway representatives travel every county in the United Kingdom and Ireland by car, and can conveniently take an Autoway to YOUR door for inspection.

■ ■ ■

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13 WELLINGTON STREET :: GLASGOW.

LONDON :: 51 FARRINGDON ROAD, E.C.1

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To make MORE money  
display

**Moorland**  
BRAND  
**Indigestion**  
**Tablets**

*The forceful*  
**NATIONAL**  
**ADVERTISING SCHEME**

is now running and convincing  
more and more people that these  
tablets are the best of their kind

**MAKE A DISPLAY TO-DAY AND SECURE**  
**YOUR SHARE OF THIS BIG BUSINESS**

*Sales-compelling showmatter with all orders*

W. B. CARTWRIGHT LTD. RAWDON LEEDS

# LISTERINE TOOTH PASTE

- ¶ Made by the Manufacturers of Listerine Brand Antiseptic and supported by 50 years' experience in the field of oral hygiene.
- ¶ Every piece of advertising copy in the present Listerine Antiseptic campaign will have a prominent reference to the Tooth Paste, thus bringing its close association with that great germicide to the notice of the public.
- ¶ Public demand will soon make Listerine Tooth Paste a best seller in this country just as it has proved to be the leading tooth paste in America.
- ¶ Retail Price 1/3 per tube. Buy on the best terms and obtain on outlay a CLEAR PROFIT of :—

58%

S. Maw, Son & Sons, Ltd.,  
Aldersgate St., London,  
and Barnet.

*Selling Agents for*

*Great Britain and Ireland*





## A Note For Next Week

May we remind you to add a visit to Maw's to your programme for next week. While every day is a red letter day at Maw's, and there is always something fresh to see—a new line, a new display method or a new selling idea; just now there is a particularly attractive exhibition that will make your visit both interesting and profitable.



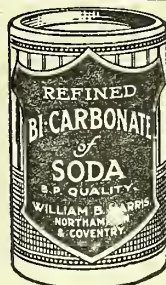
**S. Maw, Son & Sons, Ltd.**  
7-12 Aldersgate St., London, E.C.1



## ROBINSON'S of CHESTERFIELD for CARDBOARD BOXES

ROUND · OVAL · SQUARE · FOLDING

ROBINSON & SONS LTD.  
CHESTERFIELD & LONDON



## BEADED BOXES

The boxes illustrated above are finding increasing favour amongst chemists. They are dust-proof and air-tight and of a very attractive appearance.

Fitted with a flanged metal lid which is easily lifted out they form a very useful container.

Blank panel on reverse side for printing in Customer's name and address.

## ROBINSON & SONS, Ltd.

Manufacturers of ROUND, OVAL, SQUARE AND FOLDING  
CARDBOARD BOXES.

## CHESTERFIELD

The  
"PEN"  
BRAND  
REGISTERED TRADE MARK

is the original and only genuine series  
and includes

**IODINE "PEN" BRAND**  
**CUTICLE REMOVER "PEN" BRAND**  
**CORN CURE "PEN" BRAND**  
**PEROXIDE STYPTIC "PEN" BRAND**  
**AMMONIA APPLICATION "PEN" BRAND**  
**MIDGE APPLICATION "PEN" BRAND**

See the quills on all labels and insist  
on the original P.A.T.A. lines.  
All others are imitations.

### CLAY & ABRAHAM, LTD.

Manufacturing Chemists, LIVERPOOL.

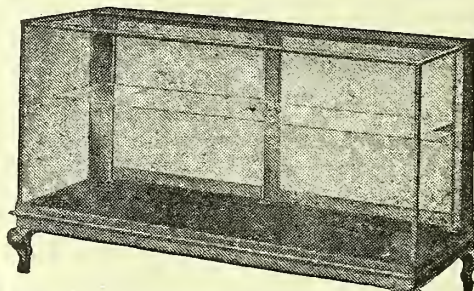
EDWARDS BROS., Vale Road, London, N.4; T. & H. SMITH, Ltd., 37-34 Virginia Street, Glasgow; DUNCAN, FLOCKHART & CO., Holyrood Road, Edinburgh; or usual wholesaler.

Sole Export Agents:

**WM. ALFRED JONES, LTD.**

West India House - - - LIVERPOOL

## KING'S FOR SHOWCASES



No. D.S.R. Solid oak or mahogany frame glass counter. First quality drawn plate glass front, top and sides, with two clear glass sliding doors at back. Interior fitted with standard bars and brackets and one row of plate glass shelves, polished all round.

Size over all: 6ft. long x 3ft. high x 2ft. back to front.

Ex works. **£11 10s.** Insured free in transit.

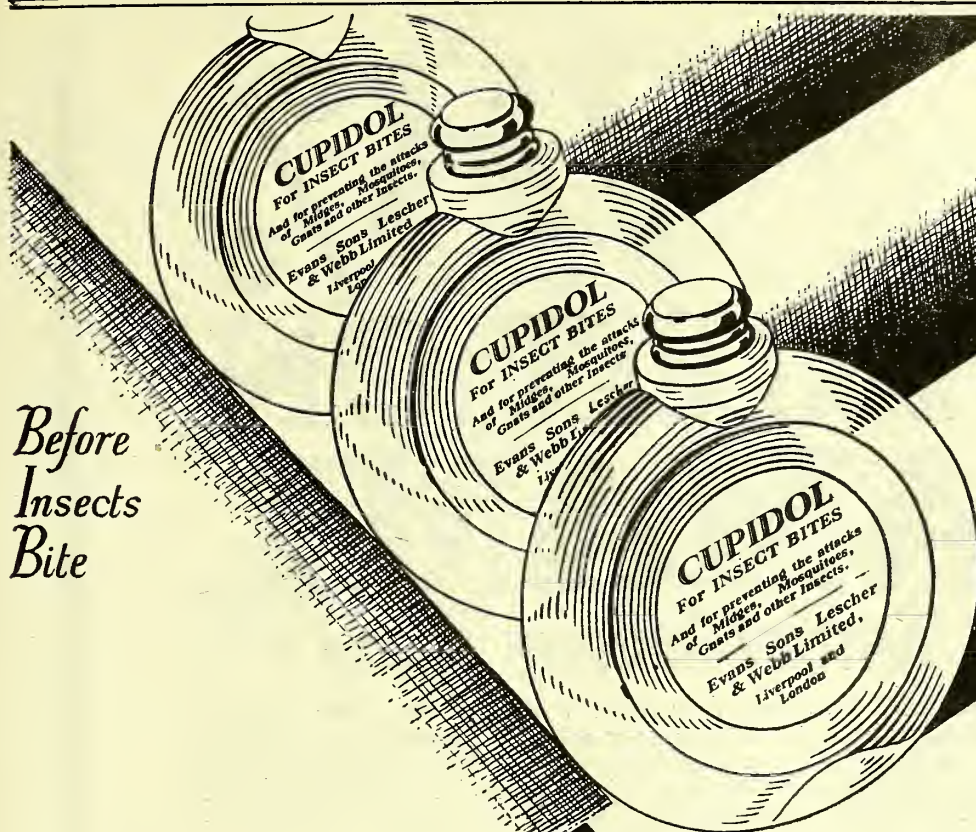
SEND AT ONCE for FULL LIST No. 1013 post free.

**J. C. KING, LTD.**

42-60 GOSWELL ROAD, LONDON, E.C.1.

'Phone: Clerkenwell 2317 (5 lines).





*Before  
Insects  
Bite*

# Cupidol

PREVENTS AND RELIEVES ALL  
INSECT BITES. IT IS NON-GREASY  
NON-POISONOUS AND PLEASANTLY  
PERFUMED.

PRICES—WHOLESALE 5/9 & 9/- NET  
RETAIL - - 9D. & 1/3

ASK FOR DISPLAY MATERIAL

**EVANS SONS LESCHER & WEBB LTD.**  
LIVERPOOL DUBLIN LONDON

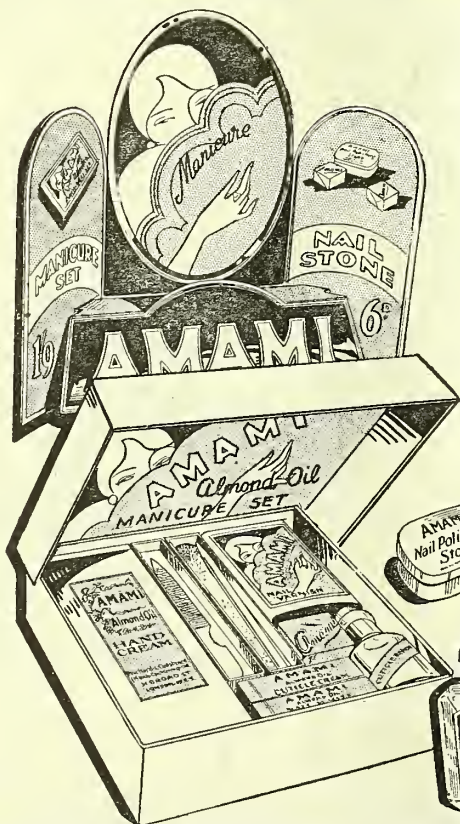


# 78%

## PROFIT ON AMAMI

### Bonus Manicure Parcel

COMPACT Manicure Sets, Nail Varnish, Nail Stone, Cuticle Fluid and Cuticle Cream—six splendid popularly priced lines that can be making big profits for you. For a window display to link up with our May and June advertising in the 'Daily Mirror' and 'Daily Sketch' we are offering a special bonus parcel as follows:—

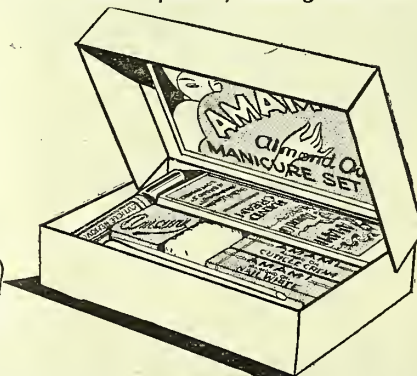


	COST PRICE.	SELLING PRICE.
2 doz. 6d. Nail Stones -	8 0	12 0
1/2 doz. 1/- Cuticle Fluid -	4 0	6 0
1 doz. 1/- Nail Varnish -	8 0	12 0
1/3 doz. 1/9 Manicure Sets	4 8	7 0
1 only 3/6 " "	2 4	3 6
1/4 doz. 1/- Cuticle Cream	free	3 0

	£1 7 0	£2 3 6
Less 10%	- 2 8	
	£1 4 4	

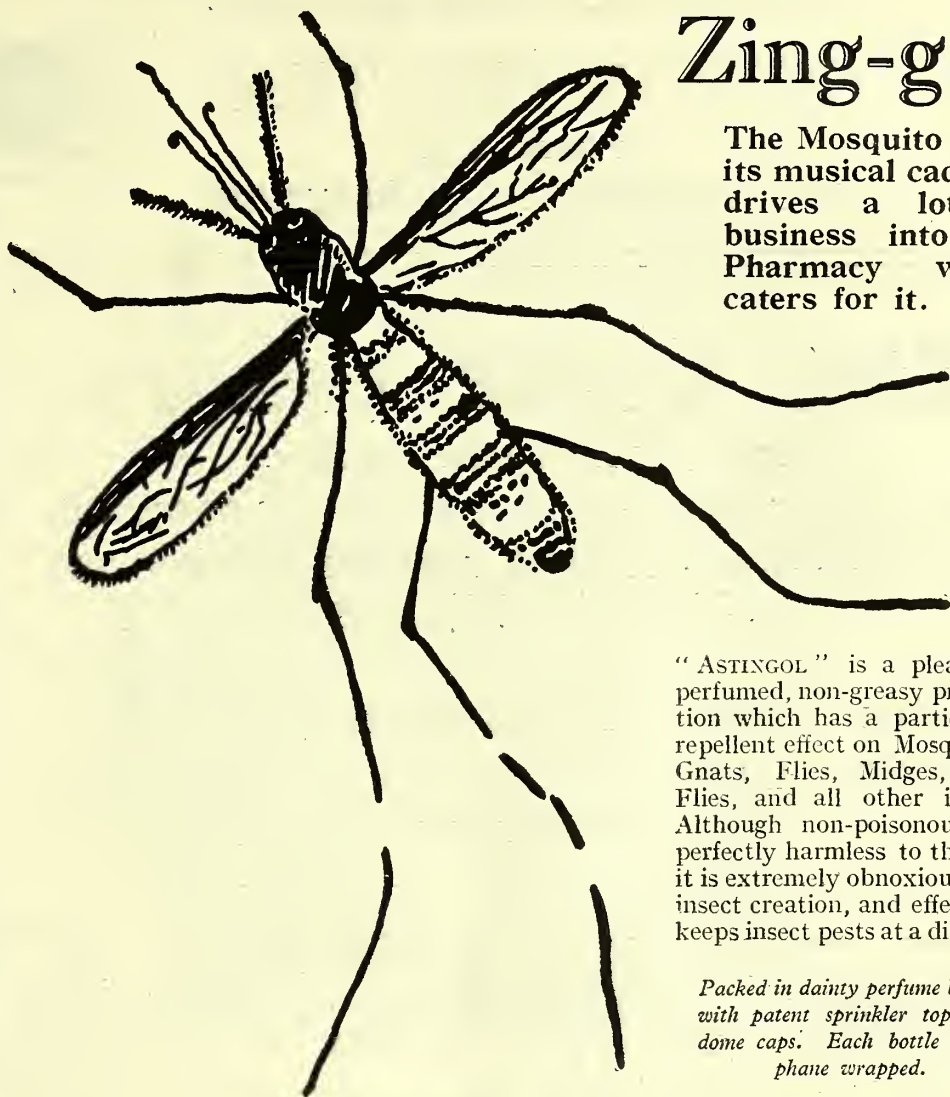
NETT PROFIT - 19/2

NOTE.—When at the Chemists Exhibition, make a point of visiting Stall 125.



PRICHARD & CONSTANCE (Mfg.) LTD., 11, BROAD STREET, W.C.2





## Zing-g-g

The Mosquito with its musical cadence drives a lot of business into the Pharmacy which caters for it.

"ASTINGOL" is a pleasantly perfumed, non-greasy preparation which has a particularly repellent effect on Mosquitoes, Gnats, Flies, Midges, Sand Flies, and all other insects. Although non-poisonous and perfectly harmless to the user, it is extremely obnoxious to all insect creation, and effectively keeps insect pests at a distance.

*Packed in dainty perfume bottles with patent sprinkler tops and dome caps. Each bottle cellophane wrapped.*

# "ASTINGOL"

**A protecting personal perfume for all who engage in outdoor pursuits—tennis, golf, motoring, boating, etc.**

HAND-BAG SIZE.	Retail 7½d.	Showcards with all orders, per dozen 4/6
DOUBLE SIZE	1/-	7/-

**AYRTON, SAUNDERS & CO., Ltd.**  
 34 Hanover Street LIVERPOOL, Eng.

*Award—LONDON 1881—"For Excellence of Quality."*



TRADE MARK

# NOW IS THE TIME

TO APPLY FOR

## VERY FAVOURABLE QUOTATIONS



TRADE MARK

# Zinc Oxide ("Puriss")

Made by direct Combustion of the Metal.

The whitest and lightest made, testing upwards of **99.8% ZnO**.  
It has been known and appreciated by the Drug Trade in all parts  
of the world for half a century.

# Zinc Oxide ("Puriss Extra") 99.96%

Made from electrolytic zinc, it is free from iron, etc., and practically  
chemically pure.

*Award—LONDON 1881—"For Excellence of Quality."*

This preparation is a pure Barley Malt Extract with Vitamins A and D added. It has been proved to be of great value in the treatment of deficiency diseases. It is guaranteed to contain :—  
2,000 units Vitamin A  
1,000 units Vitamin D  
per ounce,  
and is also rich in Vitamin B.

**VITAMIN MALT**

**DOSE.**  
For Infants up to 1 year,  $\frac{1}{4}$  to  $\frac{1}{2}$  a teaspoonful daily. This is best given in the feed, or if child is breast fed mixed with a little milk. For Children between 1 and 5 years old, 1 to 2 teaspoonfuls twice daily. For Children over 5 years old 1 to 2 teaspoonfuls 3 times daily.  
For Adults, 1 tablespoonful 3 times a day.

**H. E. STEVENSON & CO.**  
*Wholesale Export Druggists and Manufacturing Chemists.*  
**122, Great Suffolk St., LONDON, S.E.**

**SUPPLIED TO LEADING HOSPITALS.**

1 lb. jars - 14/- doz.	1 cwt. drums (5/- ea.)	1 lb. tins - 12/- doz.
2     "     - 25/-     "	77/6 cwt.	2     "     - 22/-     "





## GOOD and SEASONABLE

**T**AKE a good product, choose the right time, display it well — here is an excellent recipe for successful silent salesmanship. Sulphur is now "in season," there is no better or pleasanter form of sulphur medication than these Sulphur and Lime Fruit Lozenges, and a good display outfit is available. Showstand, as illustrated, cards for the counter, show-jar and 250 cartons free with orders of 28 lbs.

**THOMAS KERFOOT & CO LTD**  
**BARDSLEY VALE, LANCASHIRE,**  
**& Bardsley House, London, N1**  
 ESTABLISHED 1797.

D/775

COPYRIGHT



# MERCOLIZED WAX

— : for the Complexion : —

and

# STALLAX

— : a Shampoo : —

**TWO** substantial and well-advertised lines which show a handsome profit to the Retailer, and, moreover, may be stocked fearlessly owing to the Manufacturers' most liberal Sale or Return Guarantee.

**Both** are obtainable in two sizes, and their reputation and sterling value assure a steady turnover.

*Order through your Wholesaler, or direct from :*

**DEARBORN (1923) LIMITED**

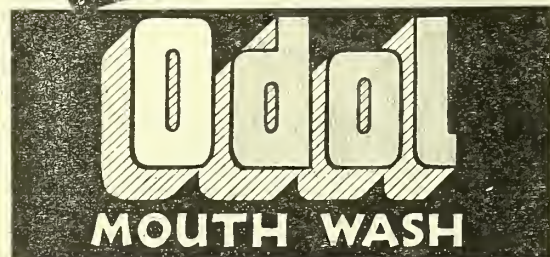
**37 GRAY'S INN ROAD,**

**LONDON, W.C.1.**

Telephone - - - HOLBORN 9669



Consistent and ever increasing advertising in the Press supported by attractive posters on thousands of hoardings and up-to-date talking films, is creating more demand for these two splendid all-British products.



**IF IT  
SHAVES  
IT'S  
WANIE**

The Blade that SELLS as it SHAVES—  
"LIKE GREASED LIGHTNING!"

*Obtainable from all leading Wholesalers.*

**FREE SAMPLE ON REQUEST.**

Dept. C.D., WANIE DISTRIBUTING CO.,  
89 Aldgate High Street, E.C.3.

*Irish Free State Agents.*

Messrs. W. A. FREEDMAN & CO., 21, Merchant's Quay, DUBLIN.

**Robert Lee**

14 CALVERLEY GROVE,  
UPPER HOLLOWAY,  
LONDON, N.19

**Specialist in**  
the manufacture of

**Orange Sticks  
& Emery Boards**

BOXED, CARDED OR IN BULK  
**AT COMPETITIVE PRICES**

WHOLESALE HOUSES ONLY SUPPLIED

**BUY BRITISH.**

PHONE No.: ARCHWAY 2144.







IN GREEN BOTTLES

# Frozoclone

REGD.

## THE ORIGINAL SOLID EAU DE COLOGNE

*We are bringing Frozoclone before the general public by means of panel posters in the Underground Railway carriages.*

*Beautiful Showcards are also available for your own display, in two sizes.*

WRITE NOW FOR A SUPPLY.

**FROZOCLONE RETAILS at 3/6 & 2/- P.A.T.A.**

Per Doz. 32/- " 18/-

*Artistic Show Box for counter display sent on request.*

## DEMUTH'S SOLID LAVENDER WATER

IN FROSTED WEDGWOOD BLUE BOTTLES. Sizes and prices as Frozoclone.



# Carnate

The elegant  
NAIL POLISH  
AND  
CUTICLE REMOVER

*A new introduction as a Companion to Carnate.*

ARTISTIC SHOWCARDS  
ARE AVAILABLE.  
WRITE FOR A SUPPLY.

CARNATE  
RETAILS at **1/9** P.A.T.A.  
per doz. 15/-

CARNATE CUTICLE  
REMOVER RETAILS **1/9**  
at P.A.T.A.  
per doz. 14/-

Telephone No. :  
MAIDA VALE 5340

## R. Demuth's Laboratories

68 Salusbury Road,  
and Montrose Avenue,  
London, N.W.6



# MASON PEARSON

## HAIR-BRUSH

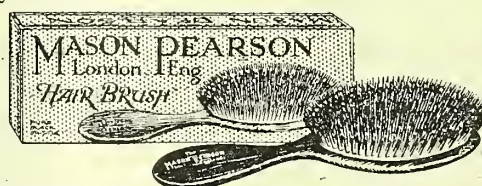
*The Brush  
which is  
asked for*

There is only one hair-brush which is equally suitable for people of both sexes and all ages:—The "MASON PEARSON" Brush. It brushes much more quickly than any other brush. It brushes more efficiently. It cleanses the scalp more gently and thoroughly than any other brush. It disentangles long hair without tugging it, and restores the "set" to ruffled hair.

The reason is that all "MASON PEARSON" Brushes are made of the most perfect hair-brushing material—the *black, unbleached bristle of the Indian Wild-Boar*—which, arranged by our special patented method in a pneumatic rubber cushion, makes the highest grade Hair-Brush obtainable to-day.

The "MASON PEARSON" Brush is known and asked for everywhere by its name.

The brushes are made in eight models, retailing from 3/6 to 18/6, all subject to generous discounts giving you a substantial living profit. Can be supplied through your usual wholesaler.



MASON PEARSON SELLING AGENCY, LTD., 59 NEW OXFORD ST., LONDON, W.C.1

## GOSNELL'S ORIGINAL Cherry Tooth Paste



IN TUBES  
10d. & 1/3

IN POTS  
1/6 & 2/-



### Lavender Bath Soap

JOHN GOSNELL & CO., LTD.  
*Perfumers and Fine Soap Makers*  
211-215, Blackfriars Rd., S.E.1  
LONDON  
Established 1760

## The Public are Calling for

# PETAL DUST

*"Wherein the subtle savour of the Flowers  
sublimely dwells."*

### THE GREAT FLORAL AIR PURIFIER

*A Trial will convince you that—*

**PETAL DUST**, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

**PETAL DUST**, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

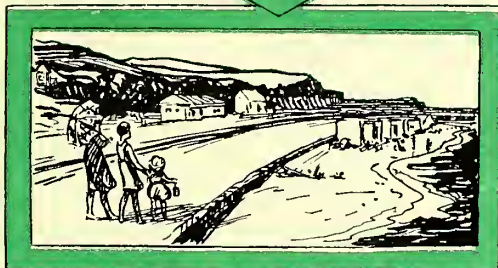
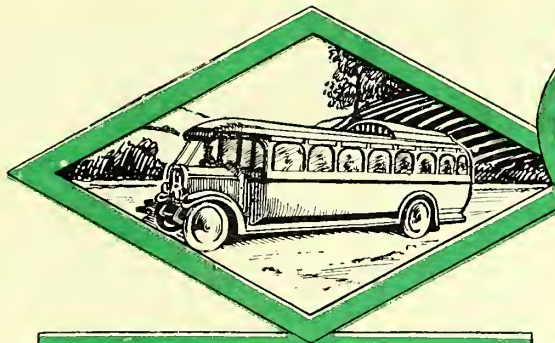
**Retails in packets at 4d. and 8d. each.**

**Attractive Advertising matter free on request.**

Obtainable through all the usual Wholesale Houses or  
from Sole Producers:—

**The Rosmarine Manufacturing Co.**  
LONDON, S.E.1.





## Sundries for the Holiday Season

BATHING CAPS  
WATER WINGS  
SUN GOGGLES  
FILMS PLATES  
WASHING SQUARES  
SHAVING BRUSHES  
RAZOR BLADES  
TOOTH BRUSHES  
VACUUM FLASKS

We hold the most complete stocks of  
British, French and American Patent  
Medicines, Toilet Goods and Perfumery.

# BUTLER & CRISPE

80-82 CLERKENWELL ROAD—LONDON—E.C. 1

Telephone : Clerkenwell 5904

Telegrams : "Alluwant, Smith, London."

# Sound Selling Plans

behind a series of

## Proved Products

accepted by every  
enterprising Pharmacist

WELCOME TO STANDS 25/26  
CHEMISTS' EXHIBITION

*The* HARRY A. PENNEY CO.  
*Limited*  
173/185 Great Portland Street  
London, W.1

SPECIALIST DISTRIBUTORS OF DRUGGISTS' MERCHANDISE

*Sole Distributors for*

BAUER & BLACK Inc., Chicago :  
*Blue Jay Corn Cure Products, etc.*

DAGGETT & RAMSDELL,  
New York :  
*D & R Cold Cream & Vanishing Cream.*

EX-LAX Co., New York :  
*Ex-Lax Chocolate Laxative.*

GLAZO Co. Inc., New York :  
*Glazo Manicure Products.*

WHITAKER & Co.  
(KENDAL) Ltd. :  
*Luton Hat Dyes—Auroral Dyes.*





## Chocasprin

*A pleasant form of Aspirin that is as easy to take as Chocolate*

Retail 6d.  
Per doz. 4/- net.

## Meggeson Quality Products

### Vistic

Dental Plate  
Fixing Powder  
Hygienic, Antiseptic,  
Pleasant.

Retail - 1/- & 1/9  
Per doz. 7/- & 13/-



### Standard Preparations on the P.A.T.A.

BISMUTH DYSPEPSIA TABLETS

CINNAMON INFLUENZA TABLETS

IODIZED THROAT LOZENGES

FORMALIN THROAT LOZENGES

ANTISEPTIC THROAT PASTILLES

WE INVITE OUR FRIENDS  
TO VISIT US AT  
**STAND Nos. 94 & 102**  
AT THE CHEMISTS' EXHIBITION  
WHERE A FULL RANGE OF  
PRODUCTS WILL BE ON VIEW

*Meggeson & Co., Ltd.*  
*Bermondsey, London, S.E.16.*

*Makers of Medicated Lozenges for over 130 years*

*Experience does count*

# THE NEW TYPE BREAST

## LEYLAND MAKE THE PHARMAL BREAST RELIEVER

The glass receiver on the "PHARMAL" Breast Reliever is of a design allowing perfect cleaning and making it possible for the glass container to be reached with the finger or a brush. Every nurse knows the difficulty met with in cleaning the old types. Without doubt the "PHARMAL" type is the safest, most sanitary and hygienic breast reliever on the market.

IN 2-oz. SIZE ONLY.

### PRICES:

Wholesale - 28/- per doz.  
(BOXED COMPLETE)

Minimum Retail Selling Price  
(BOXED COMPLETE) 3/6 each.

*The attractive and hygienic carton packing, as illustration, is printed in three colours and then encased in a cellophane wrapper.*



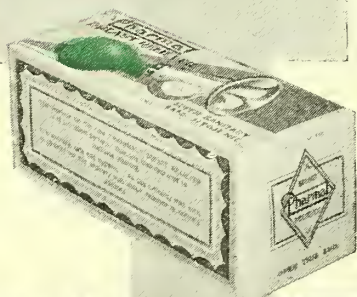
## RELIEVER

On the P.A.T.A.

# THE Pharmal

## Leyland Rubber Products

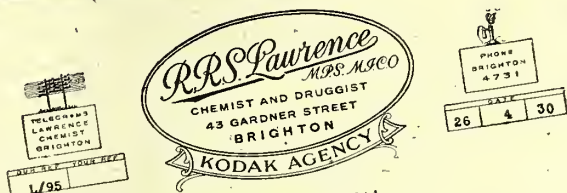
*Obtainable from all leading Wholesale  
Houses*





# 63 SALES IN ONE DAY

FROM  
A *June* WINDOW DISPLAY



Meese The Saville Perfumery Co., Ltd.,  
Gentlemen,

I thought you would be interested to know that your  
trellis window show has been a remarkable success for me.  
On the very first day of its appearance in my Window,

the sales were :-

- 24 x 1/3 Perfume
- 4 x 2/6 do
- 3 x 4/6 do
- 2 x 3/- Coffrets
- 7 x 9d Vanishing Creams
- 2 x 1/3 do
- 2 x 1/3 Soaps
- 3 x 1/- Compacts
- 1 x 1/6 do
- 4 x 3d Sachets
- 8 x 9d Face Powders
- 3 x 1/- do

Considering the present trade depression, and the bad  
Easter weather, I think the result excellent, to say nothing of  
the display which is in itself charming.

With compliments,

Yours truly,

*RRS Lawrence*

The letter alongside speaks for itself—and incidentally speaks volumes for the popularity of the "June" Perfumery Series.

This exceptionally attractive Window Display is making quick sales for chemists everywhere. It will make sales for you, perhaps even surpassing those of our correspondent; whose sales of "June" specialities were 86s. 9d. at the end of a single day's display.

To show "June" Perfumery is to sell it. Our vigorous spring advertising has increased an already insistent demand. Display "June" in your window and turn into customers those who would otherwise pass by.

Our special window display features are at your service. Write for particulars to :—

## Saville's June

### Perfumery

"JUNE" LABORATORIES  
WATFORD, HERTS.

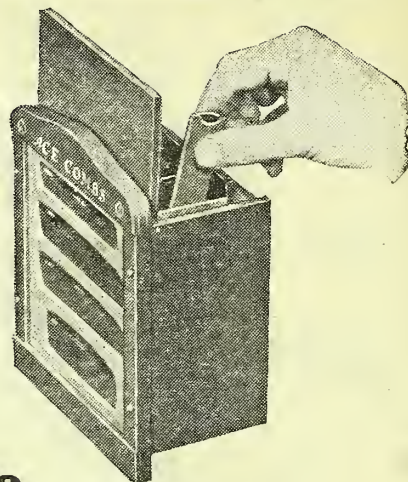


Let this little cabinet  
help you sell—

**ACE  
COMBS**

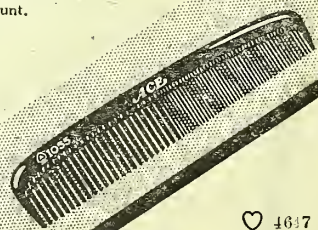
WITH this little case on your counter, your comb sales will rise higher and higher. Keep it full with Ace Combs and be sure of the big profits it will bring. And you're safe in selling Ace Combs, because they cannot injure the hair. Order a case to-day.

AMERICAN HARD RUBBER CO. (BRITAIN), Ltd.  
13a Fore Street, London, E.C.2



**free**

The cabinet holds 4 dozen combs besides those on show, their total value being 25/9—we offer you the complete cabinet (it itself is free) for 25/- carriage paid and less 5% cash discount.

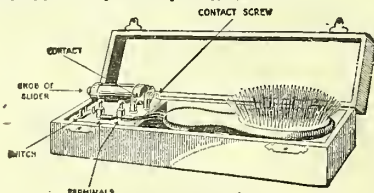


4617

*The*  
**ZENDIX  
ELECTRIC  
HAIRBRUSH**

The latest innovation for the scientific treatment of the scalp, combining the stimulating effect of an electric current with the massaging effect of the brush. A continuous electric current is brought into contact with the scalp, promoting activity of the cells and stimulating the growth of hair, loosening and removing dandruff.

The current is supplied by a 4v. pocket battery and may be adjusted but is never too violent. The whole outfit is packed in a neat attractive case and makes a ready appeal to your lady customers.



RETAIL 25/- Wholesale terms on application.

**ZENDIX ELECTRIC CO.**  
TRAFALGAR WORKS, STATION RD.  
LONDON, S.W.19

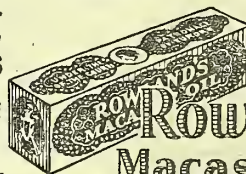
**Tried & Proved**

Rowland's Macassar Oil is no new preparation; it has been used all over the world for more than 137 years and everywhere it is held in the highest esteem. It is guaranteed to

contain no  
injurious  
substance

P.A.T.A.  
3/6, 7/-  
& 10/6

Red for  
dark hair;  
golden for  
fair or  
grey hair.  
From all  
Wholesalers



**Rowland's  
Macassar Oil**

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1

R.M.T.

WE MANUFACTURE SAFETY RAZOR BLADES  
FOR ALL CLASSES OF TRADE.

**POPULAR EMMAH 2d. each**

"P.C." 1d. each  
PLANET 3d. each

WITHOUT EQUAL IN THEIR CLASS.

Send for particulars of our new FREE GIFT SCHEME  
in connection with PLANET BLADES.

Enquiries and quotations promptly attended to.

**EMMAH PRODUCTS, LTD.**

14-16 LOWER CLAPTON ROAD, LONDON, E.5



# SUCCESS

IMMEDIATE AND  
OVERWHELMING

HAS BEEN ACHIEVED BY

POTTER & MOORE'S

1749

MITCHAM LAVENDER

## BATH PERFUME

The Unique Creation which  
**SUPERSEDES**  
**CRYSTALS**

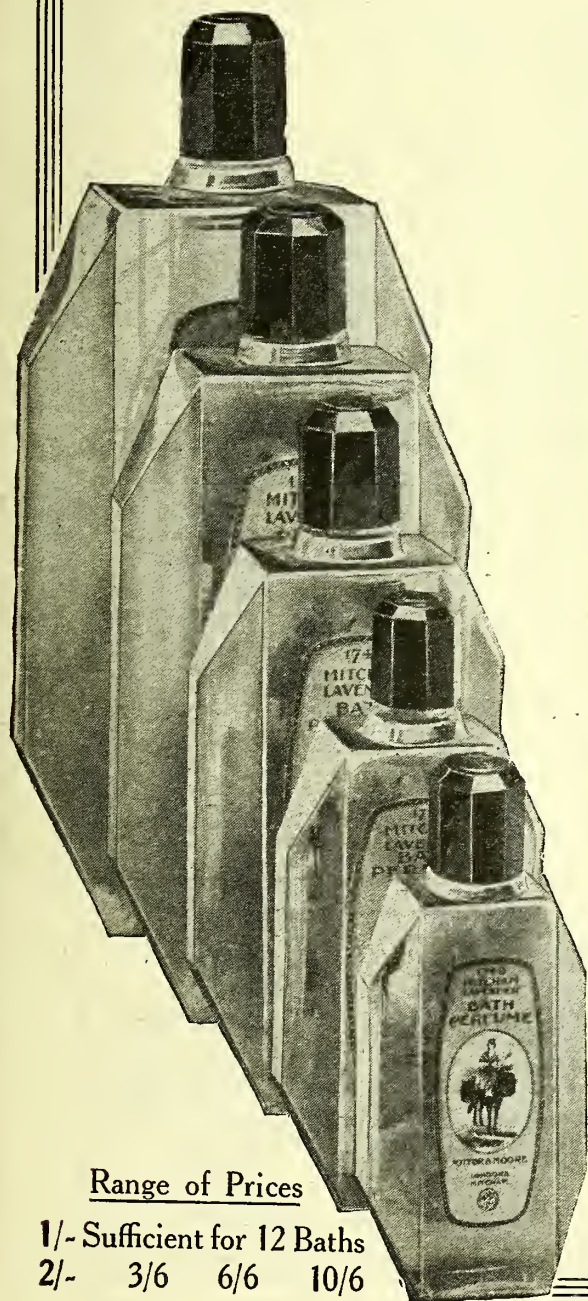
SEE DEMONSTRATION AT  
OUR STANDS

Nos. 97, 98, 99

CHEMISTS' EXHIBITION

SPECIAL BONUS OFFER

On all Bath Perfume Orders  
taken at the Exhibition



Range of Prices

1/- Sufficient for 12 Baths  
2/-    3/6    6/6    10/6



## STRONG PUBLICITY

The extended National Advertising for "Eclipse" Blades, combined with the new Display Card, is creating increased sales. Get your share of this business by displaying in your window the attractive show matter sent gratis on request.

5  
FOR  
1/8

Place your order now through  
your usual wholesaler, or direct  
from the manufacturers.

3  
FOR  
1/-

Made by  
**JAMES NEILL & CO. (Sheffield) LTD.,**  
Crucible Steel Manufacturers - SHEFFIELD.

## "ODENTIC" PLATE BRUSH

Regd. No. 417637.

From all  
Wholesalers.

Packed in 1/2-dozen Display Boxes.

Manufacturers:

**W. R. Speer & Son** (ESTD 100 YEARS)  
215 DALSTON LANE - - LONDON, E.8

Agent for S. Africa—C. GORDON DAVIES & CO.,  
National Bank Buildings, Pritchard Street, Johannesburg.

## GUARANTEED PURE ENGLISH PEPPERMINT OIL

Grown and Distilled from Mitcham Plants

by

**CHIVERS  
& SONS LTD.**

HISTON, CAMBRIDGE, ENGLAND

Samples & Quotations on request  
from the sole selling Agents

**BRUCE STARKE & CO.**

16 WATER LANE, GREAT TOWER ST., LONDON, E.C.3

## G. B. KENT & SONS, LTD.

Are known the World over as  
the Largest Manufacturers of

## BEST BRITISH BRUSHES

Please write for full Particulars to:—

75 FARRINGDON ROAD, E.C.1.

# AMO

THE INCOMPARABLE  
BLADE THAT SHEWS  
120% PROFIT



DISPLAY  
AND SELL  
**"AMO"**  
SHAVING  
PRODUCTS

Nationally Advertised, OBTAINABLE OF ALL WHOLESALERS.  
FREE SAMPLE BLADE AND ILLUSTRATED LIST ON APPLICATION TO—  
**AMO SAFETY RAZOR BLADE Co., Ltd.** Broad St. House  
LONDON, E.C.2

## HAIR

BURMAN

## CLIPPERS

For SURGICAL  
and VETERINARY  
PURPOSES.

HAIRDRESSERS' CLIPPERS

The British-Made  
Hair Clipper.



Dainty Shingling  
Clippers for  
Ladies' use.

**BURMAN & Sons, Ltd., BIRMINGHAM**





## HALEX BONUS OFFER closes—May 31st

After that date all orders will be subject to the usual terms. But—*until then*—all orders sent in for 3-dozen Halex Toothbrushes will receive a Bonus of ONE FREE BOX of SIX Halex Brushes.

### 10/- profit for every 7/- you make now.

These brushes sell for 8/3. For a total outlay of 30/9, on the Halex Bonus terms you get 3½-dozen Halex Brushes, which sell for 57/9—making a total profit of 27/- instead of 18/9, or 44% more. That is equivalent to 10/- profit for every 7/- you make normally.

Any number of Halex Brushes may be ordered on the Bonus terms. \*By buying now you can make 44% more profit for as long as your stock lasts. The only conditions we make are :—

- (1) all orders must be for not less than 3-dozen Halex Brushes and must be received before May 31st.
- (2) the Halex Window Display must be exhibited in your window or on your counter for a fortnight commencing not later than May 31st.

### THE HALEX WINDOW DISPLAY

16" wide, 14½" high.

Neat, compact, yet highly effective—the Halex Window Display enables you to make the maximum profit from the Halex Advertising Drive which starts in June.

### To help you sell more Halex

The new Halex Advertising campaign starts on June 7th. During the whole of June and July, Halex advertisements will appear at the rate of 5 million a week in the national magazines and newspapers.

Link up with this advertising. Display Halex. And buy your Halex Brushes now—for extra profit on your *future* toothbrush sales.



## ONLY SIX MORE DAYS TO GO— Order your Halex Brushes NOW!

### for 44% more profit on your toothbrush sales

## SEND IN THIS ORDER FORM TO-DAY

To your usual Wholesaler :—

Please supply me with.....dozen Halex Toothbrushes as listed below, together with the free Display Material and Bonus Brushes, in consideration of my exhibiting the Halex Window Display for a fortnight, commencing not later than May 31st.

Halex No. 1.....doz. Halex No. 2.....doz. Halex No. 3.....doz.

Halex No. 4.....doz. Halex No. 5.....doz. Halex No. 6.....doz.

The Halex Showcase, if required, is included FREE, in addition to the Halex Window Display, with first orders for not less than 4-dozen Halex Brushes.

Name.....

Address.....

# STANIFORM

## LOTION

FOR

## INSECT BITES & SUNBURN

*National Advertising Campaign during Summer months*



### SPECIAL BONUS DURING JUNE

**No. 1. AN EXHIBITION CARTON** containing  
**12 × 1/- BOTTLES LOTION FREE**  
with all orders for—

6 × 2/6 Pots Ointment ..	£0 11 3
12 × 1/3 Tubes Ointment ..	£0 11 3
12 × 1/- Bottles Lotion ..	£0 9 0
12 × 1/- Bottles Lotion ..	FREE
	<hr/> £1 11 6

Retailing at **54/-**, showing **72%** profit on your outlay

**No. 2. 6 × 1/- BOTTLES LOTION FREE**  
with all orders for—

12 × 1/3 Tubes Ointment ..	£0 11 3
12 × 1/- Bottles Lotion ..	£0 9 0
6 × 1/- Bottles Lotion ..	FREE
	<hr/> £1 0 3

Retailing at **33/-**, showing **63%** profit on your outlay

*Very attractive 10-colour showcard enclosed with each parcel.*

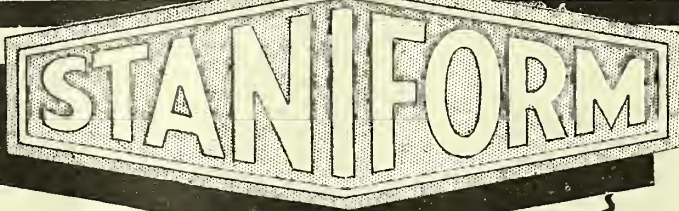
Order the bonus parcel  
from your usual wholesaler  
or

## STANIFORM LTD.

CARNWATH ROAD.  
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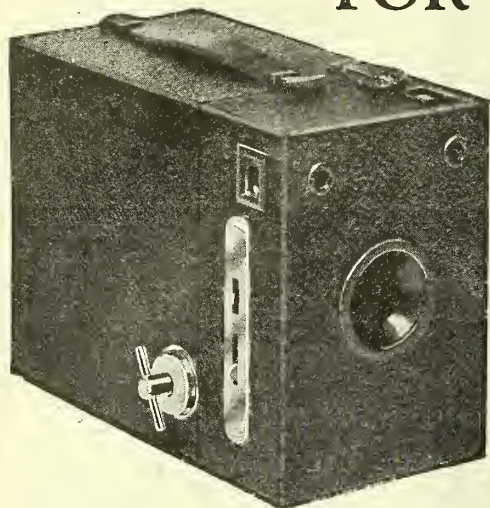
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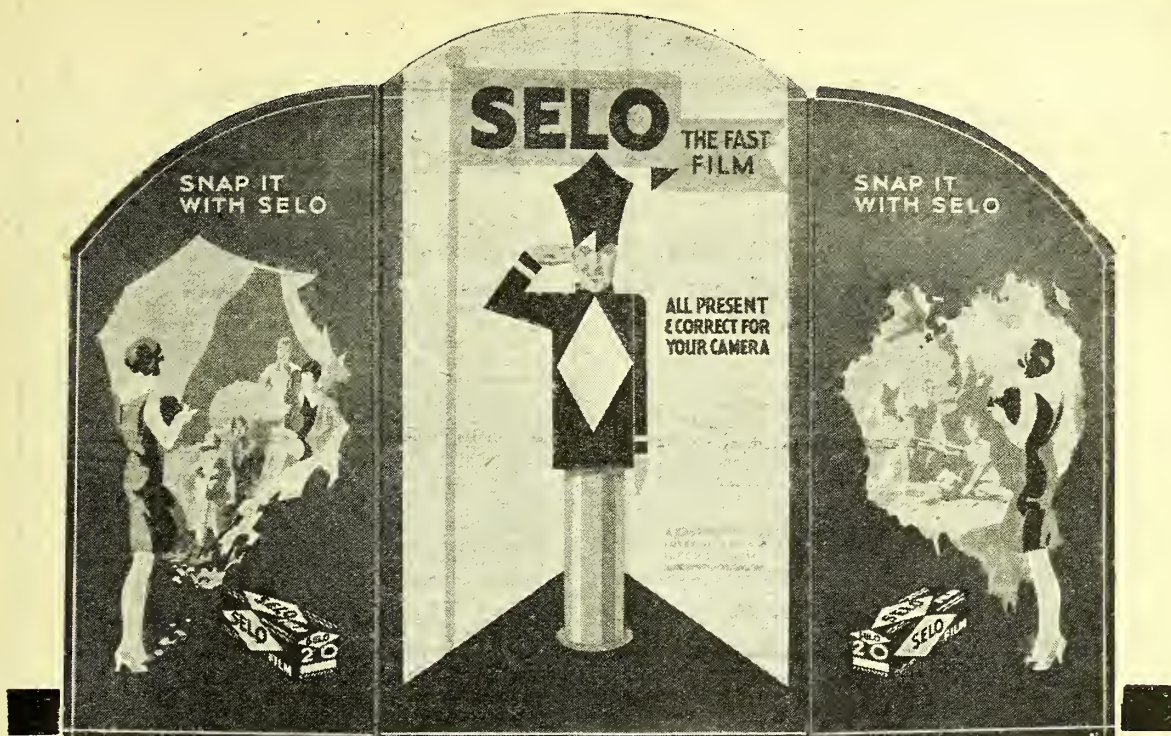
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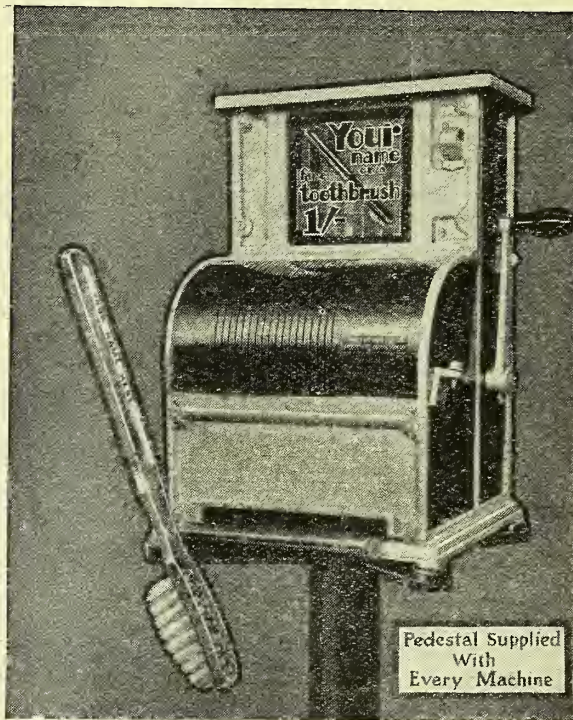
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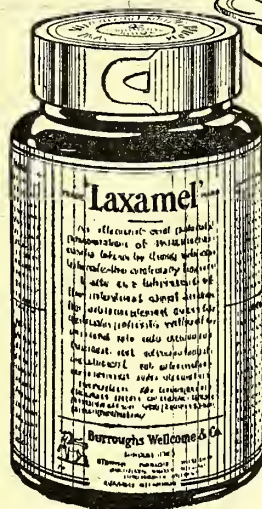
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## English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

### Exhibition of English Mediæval Art

An exhibition of English mediæval art has been opened at the Victoria and Albert Museum, South Kensington, London, S.W., and remains open for several weeks. The objects of special interest to pharmacists are not numerous, but the collection which has been assembled in the North Court of the Museum is so remarkable and so accessible that an opportunity of seeing it should not be missed. The exhibits of most direct concern from the point of view of pharmacy are two silver perfume-cases (835 and 836), dating from about the year 1500. These are each 1½ inch high, are more or less acorn-shaped, and are engraved. They are not perforated after the style of pomanders. Attention may also be drawn to two steelyard weights (317 and 325), both of the thirteenth century, and both bearing coats of arms. Some of the numerous rings displayed were apparently used as charms against disease, and many of them bear curious inscriptions. The period covered extends from early Saxon times to about the middle of the sixteenth century, and the catalogue contains particulars of 1,106 exhibits.

### Contracts

The following tenders have been accepted by the bodies named:—

Boston Town Council.—Grimble & Kent, chemists, drugs, etc.

Grantham Town Council.—Whysall & Son, chemists, drugs, etc.

Malvern Urban Council.—Boots, Ltd., drugs.

Manchester City Council.—Evans Sons, Lescher & Webb, Ltd., drugs; Albert Browne, Ltd., sundries; Robinson & Sons, Ltd., dressings; A. MacNair & Co., Ltd., turpentine; The Methylating Co., Ltd., methylated spirit.

### Society of Apothecaries of London

At the Assistants' Examination, held on April 28, 30 and May 1, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:—

Allen, M.	Gerwin, V.	Medworth, D. C.
Anderson, H.	Graham, W. G.	Newlands, A. C.
Assaad, A. R.	Hart, E. F.	Randles, C. E.
Baker, D. I.	Hill, S. G.	Rea, J. F.
Billington, M. I.	Holland, F. G.	Rogers, V. I.
Bourke, A. M.	Hudson, P.	Shipman, D. M.
Bradshaw, C. A. M.	John, K. J.	Shrubbs, G. M.
Chadwick, E. A.	Johns, G. R.	Stephenson, E. M.
Clarke, C. R. M.	Johnson, A.	Stubbs, M. M.
Collin, M.	Johnston, B. M.	Thornton, B. A.
Dunn, W. M.	Jones, A. J.	Wallace, J. R. M.
Edge, E.	Laycock, K. D.	Way, M. J.
Edwards, P.	Locke, S.	Wilson, J.
Forsdike, R.	Matthews, E. L.	Wright, D. A.
Fox, M. E. C.	Matthews, M.	

### Inquests

An inquest was held at Croydon, on May 10, on the body of Mr. Percy Thomas, aged seventy-two, described as a retired chemist and a man of means. Evidence showed that death was due to natural causes, and a verdict was returned correspondingly.

The Shoreditch (London) coroner held an inquest, on May 16, on the body of Eliza Dickson, Appleby Street, who died after drinking by mistake a preparation of iodine. The husband stated in evidence that after the accident happened he called on thirty doctors before finding one at home. The coroner expressed regret, and explained that doctors were usually attending their patients during the afternoon, the time referred to.

An inquiry was held at Solihull, on May 13, concerning the death of Mr. Samuel Wyatt, chemist and druggist, aged sixty-seven, who left his lodgings at

Acocks Green on the previous Friday, and was subsequently found dead with a bottle partly filled with lysol beside him. It was stated in evidence that Mr. Wyatt had been worried and in ill health, and a medical witness attributed death to lysol poisoning. A verdict of "Suicide while of unsound mind" was recorded.

The Blackburn Coroner opened, on May 5, an inquest on the body of Mr. John Lloyd Aspinall, chemist and druggist, who was found lying dead at the shop of his father in Preston New Road on May 3.—At the resumed sitting on May 19, a report of an examination of the stomach showed it contained a sufficient quantity of hydrocyanic acid to cause death. Mr. J. W. Aspinall said his son was of a sensitive nature and depressed through his mother's illness. A verdict of "Suicide while of unsound mind" was returned.

### Birmingham

Paradise Street has now resumed its customary activity.

A local trader has by accident made a profit on automatic machine thefts; a "false" coin proved to be a rare specimen and fetched £5.

The first meeting of the golfing section of the Birmingham Social Club will be held on Gay Hill course on May 28, at 2.15 p.m.

### Liverpool

The poor condition of trade locally is attributed to the late season with resultant decrease in sales of photographic and other summer goods.

Liverpool was well represented at the annual meeting of the Pharmaceutical Society in London, with the president of the Liverpool Chemists' Association in the chair as president of the Society, and another Liverpool pharmacist, Mr. John H. Robinson, as a humorous critic of the Society's conduct.

### Miscellaneous

**FAIRCHILD SCHOLARSHIP AND PRIZES.**—Entry for the next examination for the Fairchild scholarship and prizes must be made before June 1. Application forms may be obtained from Mr. Herbert Skinner, c/o Fairchild Bros. & Foster, 65 Holborn Viaduct, London, E.C.1.

**POISON-LICENCE APPLICATIONS.**—Applications for licences under Section 2 of the Poisons and Pharmacy Act, 1908, have been made to the respective local authorities by the following:—Callas, Sons & May, Ltd., Reading; Mr. H. R. Johnston, Audlem; Mr. J. Verbeyst, Backwell, Bristol.

**SHOPPING WEEK.**—King's Lynn Chamber of Trade, in conjunction with the Corporation, has arranged a Lynn shopping week, which was inaugurated on May 16 by the Mayor and Lady Elizabeth Townshend. The Mayor, Alderman R. A. Metcalf (who is a chemist and druggist) appealed to all traders to make their shop windows as attractive as possible.

**FIRES.**—The overheating of an oven caused an outbreak of fire at Bermondsey, London, S.E., on May 12, at the premises occupied by the British Glues & Chemicals, Ltd., manufacturing chemists. The fire was soon under control, and damage was not of an extensive nature.—A fire broke out on May 13 at the premises of W. A. Wayland & Co., Ltd., manufacturing chemists, Deptford, London, S.E. The flames were overcome before serious damage had occurred.

**IN THE COURTS.**—At Ipswich County Court, on May 14, Dr. C. Young obtained judgment in the sum of £6 6s., with costs, against Mr. G. N. Edwards, chemist and druggist, St. Nicholas Street, for services rendered as a specialist.—At Maidenhead, recently, Webber & Sons, ironmongers, High Street, were fined 20s., and an assistant named Stiles was fined 10s., in respect of a sale of arsenical weed-killer for which no entry was made; the firm was also ordered to pay the analyst's fee of £5 5s.

## Scottish News

### Brevities

Nomination papers for the North British Executive election have just been issued.

Mr. Alex. Russell, chemist and druggist, Innerleithen, Peebleshire, is removing to new premises in the town.

Mr. Norman Barron, chemist and druggist, youngest son of Provost Barron, Leven, sailed recently for Canada by the Donaldson liner "Athena."

Mr. S. Shearer, chemist and druggist, 22 Keppel Drive, King's Park, Cathcart, has been appointed local secretary of the Guild of Public Pharmacists.

Mr. J. M. R. Stewart, chemist and druggist, Pacific Terrace, Aberlour, was the winner of the recent monthly medal competition of the local golf club.

An address on "Some Observations on Modern Medicine" was delivered by Mr. Thomas C. Miller, chemist and druggist, Dunfermline, at the Dunfermline Civic Club fortnightly meeting.

A circular has been issued by the Scottish Pharmaceutical Federation, bearing the signature of the president, asking that the enthusiastic support of Scottish pharmacists be given to Aspro.

The Scottish chemist golfers held their annual field day over the Gleneagles golf course on Wednesday, May 14, under ideal conditions. A company of 100 competed for the prizes, which were presented by Mr. Gamble, of Allen & Hanburys, Ltd., and Mr. Pears (A. & F. Pears, Ltd.). The following is a list of prize-winners:—1st Class, traveller's trophy and gold medal, A. Taylor, Dalmeir; 2nd prize, A. Wilson, Galston; 3rd prize, R. Pollock, Bridge of Weir. 2nd Class, Pears' Cup, J. Bowman, Edinburgh; 2nd prize, J. S. Vipont, Glasgow; 3rd prize, E. Allison, Glasgow. Scratch prize (Duncan, Flockhart), J. Stevenson, Prestwick. Bogey prize, J. F. Robertson, Alva. J. Greig prize (Allen & Hanburys), W. B. Forbes, Perth. Ucal prize, C. Finlay, Edinburgh. Johnson & Johnson prize, H. M. Dugan, Aberdeen. Territorial cup, D. & W. Gibbs' prize, 1st South-Western Division: A. Taylor, Dalmeir; A. Wilson, Galston; J. Stevenson, Prestwick; E. Blyth, Renfrew. 2nd Central Division: J. Robertson, Alva; G. Brunton, Perth; J. Robertson, Dundee; W. B. Forbes, Perth.

### Edinburgh

The Edinburgh Pharmacy Golf Club decided their Victoria Day Competition over the Burntisland Course. The following was the result: 1st, W. A. M. Hourston; 2nd, A. McDougall; 3rd, J. Noble.

An interesting programme of events is being carried out by the Edinburgh Chemists', Assistants' and Apprentices' Association. The following botanical excursions have been arranged: June 11, Blackford Hills, meet at Liberton Dams at 7.30 p.m., conducted by Messrs. J. J. Blackie and J. R. Simpson; June 20, practical demonstration at 36 York Place at 8 p.m. by Mr. J. Rutherford Hill; July 11, D. F. & Co.'s Pharma Farm, meet at Methven's Nurseries, Inverleith Row, at 7.30 p.m., conducted by Mr. W. A. Beattie. Members are requested to collect plants for the practical demonstration and send them to 36 York Place not later than the evening of June 20. Non-members, and especially students, are invited to attend these excursions. With reference to the following prize competitions, details may be had from the secretary, Mr. Thomas W. Strachan, 20 Howard Place: Ewing prize in theoretical pharmacy, open to apprentice members; Duncan botanical prize, open to apprentice members who have not passed the Preliminary Scientific examination; Cumming prize in practical pharmacy, open to undergraduate members; Dey prize in physics and chemistry, open to members who have not passed the Preliminary Scientific examination; McDonald prize in theoretical pharmacy (elementary), open to undergraduate members; Young photographic prize, open to all members.



## Irish News

### Brevities

The National Chamber of Trade, at its meeting in Belfast on May 14, passed a resolution demanding the withdrawal of the Consumers' Council Bill.

The Pharmaceutical Society of Northern Ireland has issued a public notice that all apprentices to pharmaceutical chemists must have passed an accepted Preliminary examination which entitles to registration as an apprentice, and that they must register as such at the Ministry of Home Affairs.

Because the forthcoming examinations in Belfast are the last at which registered druggists may take the Pharmaceutical Chemist examination under the conditions laid down in the Act, the Chemists' and Druggists' Society has opened its rooms in Waring Street, Belfast, for tuition from 10 a.m. until 10 p.m. each day, beginning on May 19 and continuing until May 30. Special classes will be conducted by Mr. R. C. Brien, M.P.S.N.I., and Mr. Norman Lunn in practical pharmacy and practical chemistry.

The text of the Bill introduced by the Government of Northern Ireland to establish medical benefits was published on May 14, together with a White Paper explaining the measure. The Bill to a large extent follows the lines of the English Act, but so far as pharmaceutical chemists are concerned interest in the measure will chiefly centre in regulations to be made later, dealing with the terms that will be allowed to those on the panel. The Ministry of Labour, which has charge of the measure, has promised the Pharmacists' Committee that when these regulations are drafted they will be given an opportunity of expressing their opinion. It is not expected that the regulations will be available until July, and the Government propose that the Act shall come into force on October 1. The Bill provides for the establishment of a Medical Benefits Council to act in an advisory capacity with local committees to deal with local problems. These bodies will replace the existing insurance committees. The Council will be representative of insured persons, employers, doctors, chemists and nominees of the Ministry of Labour. It is proposed to set up local committees representative of insured persons, doctors and chemists. In addition, committees will be established for the consideration of questions of exclusive concern to doctors and chemists respectively. A clause in the Bill provides that when any poison to which Section 2 of the Poisons (Ireland) Act 1870 (as amended by the subsequent enactments) applies is supplied on a written prescription given by a doctor, the seller of the poison shall not be required to make any entry in the book in accordance with the requirements of Section 2.

## Business Changes

SUMNER'S TY. PHOO TEA, LTD., Castle Street, Birmingham, have removed to Ty-phoo Buildings, Bordesley Street.

MR. JAMES CARRUTHERS, PH.C., has acquired the business of the late Mr. J. H. Fisher, Ph.C., at 40 High Street, Dunfermline.

MR. ROBERT H. KERR, chemist and druggist, has acquired the pharmacy of Mr. E. P. D. Bush, Ph.C., 442 Uxbridge Road, London, W.11.

THE DODGE & OLCOTT CO., essential oil manufacturers, have removed their offices and technical departments to 180 Varick Street, New York.

MR. ANDREW M. BELL, chemist and druggist, has taken over the business of the Langham Pharmacy, Ltd., 593 Wandsworth Road, Clapham, London, S.W.8.

THE telephone number of Whiffen & Sons, Ltd., manufacturing chemists, Carnwath Road, Fulham, S.W.6, has been changed to Fulham 0037 (three lines).

## Birmingham Analyst's Report

THE report of the Birmingham city analyst (Mr. H. H. Bagnall, B.Sc., F.I.C.) for the first quarter of 1930 states that under the Sale of Food and Drugs Acts 1,335 samples were submitted for analysis; of these, 106 were bought formally. Drugs and allied substances constitute about 10 per cent. of the total number examined. The percentage of adulteration of all the samples analysed was 5.4 per cent., compared with 3.3 per cent. and 5.7 per cent. for the first quarters of 1928 and 1929 respectively.

**HONEY AND MALTED FOOD.**—A sample of prepared honey sold under a trade name, on the label of which the statement appeared, "Made from honey but better than honey," was found to contain a large proportion of commercial invert sugar. In fairness to the makers, says the report, it should be stated that the product was perfectly wholesome and contained vitamin D. This, of course, is not present in ordinary honey. The sampling of a malted food for infant feeding, bearing an unsatisfactory label, resulted in the proprietors being written to. The label stated that made with milk and water the food would closely resemble, in chemical composition, mother's milk, and that it was the best substitute for mother's milk. The directions for mixing the food were extremely vague. The prepared food would certainly not resemble mother's milk in chemical composition, and opinions might differ considerably as to its being the best substitute for the latter.

**BORAX HONEY.**—Two samples of borax honey were taken from a drug store. The informal sample consisted of a mixture of 32 per cent. of borax and 68 per cent. of glycerin. The formal sample contained 40 per cent. of borax and 60 per cent. of glycerin. Honey was again absent. This mixture bore no resemblance in composition to genuine borax honey, and was four times as strong in borax as it should have been. The vendor was fined.

**CAMPHORATED OIL.**—A sample of camphorated oil contained an ingredient entirely foreign to that preparation, viz., 1.6 per cent. of B.P. solution of ammonia. The smell of the camphor was completely masked. It is not suggested that there was anything harmful about the sample, but it showed gross carelessness on the part of the pharmacist concerned. Probably he had used for filling the inspector's bottle a measure or vessel previously used for ammonia, without taking the trouble to wash it out. The vendor was cautioned.

**OTHER SAMPLES.**—Epsom salts was sold for Glauber's salt in error. This was probably a case of a genuine mistake. The vendor was cautioned. Six samples of ammoniated tincture of quinine were found to be genuine, as were three samples of boric acid powder and three of boric acid crystals.

## Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

### Monday, May 26

*Chemists' Exhibition*, New Hall of the Royal Horticultural Society, Greycoat Street, Westminster, S.W. Exhibition remains open until May 30.

### Wednesday, May 28

*Royal Society of Arts*, John Street, Adelphi, London, W.C.2, at 8 p.m. Mr. Harry Barnard on "The Father of English Pottery—Josiah Wedgwood, F.R.S., Potter, Inventor and Man of Science."

### Thursday, May 29

*North-East London District Pharmaceutical Association*, *Chemists' Exhibition*, Horticultural Hall, Greycoat Street, Westminster, W., at 3.30 p.m. Annual general meeting.



## Legal Reports

**Food and Drugs (Adulteration) Act.**—At Southport Police Court, on May 14, Mr. Norman V. Rushton, chemist and druggist, London Street, was summoned in respect of a sale of powdered cinnamon, which Professor William H. Roberts, the Liverpool analyst, described as containing an excessive amount of siliceous matter. Mr. Rushton said he bought the cinnamon under a warranty, and the case was adjourned.—At the same court, Mr. Wilfred E. P. Prescott, chemist and druggist, London Street, pleaded "Not guilty" to supplying 2 oz. of light calcined magnesina not of the nature and substance demanded. Professor Roberts said the sample analysed appeared to be a mixture of calcined magnesina and carbonate of magnesina. Mr. H. Glyn-Jones, barrister, who appeared for the defence, raised an objection on the point that the defence had not been supplied with a copy of the analyst's certificate, and the Bench dismissed the case.

**Dangerous Drugs Acts.**—At Marlborough Street Police Court, London, on May 7 (as briefly reported in our issue of May 10), six summonses against Mr. H. N. Davidge, Ph.C., trading as Monro & Co., Hanover Street, W.1, in respect of the dispensing and supply of heroin and cocaine suppositories to Mr. Reginald Nitch-Smith, Bruton Street, W.1, were dismissed.

### REGULATION 9 (1)

Legal argument took place on the meaning of Regulation 9 (1) of the Consolidated Regulations of 1928, which reads:—

A person shall not supply a drug or preparation on a prescription—

(a) unless the prescription complies with the provisions of these Regulations relating to prescriptions; and

(b) unless . . . he has no reason to suppose that it is not genuine, or . . . (i) is acquainted with the signature of the person by whom it purports to have been given and has no reason to suppose that it is not genuine.

The magistrate asked whether (a) did not apply to the whole of the Regulation. Mr. H. Glyn-Jones (for the defence): No. The magistrate said that what a chemist had to do was to look at the Medical Register and see if the name of the doctor signing was there. Mr. Glyn-Jones argued that if reasonable steps were taken by the chemist to satisfy himself that the signature was genuine and that he was acquainted with it, he did what was necessary and had no reason to suppose the prescription was not genuine. The magistrate said that what defendant had to satisfy himself about was that the signature was effective for supplying a drug. Discussion took place on the meaning of the word "it," in the phrase in the Regulations "it is not genuine;" Mr. Glyn-Jones submitted that "it" meant the prescription, but the magistrate expressed the opinion that it meant the signature. Mr. Glyn-Jones submitted that the case was covered by Regulation 9 (1), and pointed out that the defendant was acquainted with Nitch-Smith's signature and had no reason to suppose that the prescription was not genuine. The magistrate announced that he was against Mr. Glyn-Jones on his submission, and agreed to state a case on the point. It was a strong thing in mitigation of the offence that although Nitch-Smith was struck off the Register in 1917, the defendant did not know it. Mr. Glyn-Jones: He had no more reason to suppose that he was struck off the roll than he had twenty years ago. The summonses were dismissed on payment of £3 3s. costs.

### UNREGISTERED PRACTITIONER FINED

At the adjourned hearing of the case against Mr. Nitch-Smith, on May 14, he pleaded "Guilty." Mr. Vincent Evans said that the defendant was not on the Register, and had not been since November 28, 1917. When seen by Inspector Hester on April 7 he said, "Yes, I have had the suppositories for my own use. I suffer from colitis." After evidence of supply had been given, Mr. Zeitlyn said that the defendant had been a medical man for thirty-five years, and in 1917 was struck off the Register. The magistrate said he would like to

know the reason for defendant being struck off the register. Mr. Zeitlyn said that his client was charged with having supplied a lady with a large number of drugs in excess of the quantity she required, and the responsibility could not be evaded. He was sure the magistrate would be impressed by the fact that both authorities subsequently returned his diplomas, and last year the defendant made an application to the General Medical Council for reinstatement, but became so ill that he did not proceed with it. The magistrate imposed fines and costs amounting to £100 5s.

### DELAYED ENTRIES

At the same court, on May 20, Mr. William H. Allen, Ph.C., High Road, Kilburn, was summoned for having failed to enter in a register 40 gr. of diamorphine hydrochloride and 10 gr. of morphine hydrochloride obtained from Burroughs Wellcome & Co., three  $\frac{1}{2}$  gr. quantities of heroin hydrochloride supplied to Eric Lawrence, Albert Road, upon a prescription of Dr. J. Green, and 12 $\frac{1}{2}$  gr. of morphine sulphate supplied to Dr. S. D. Adam, Brondesbury Park, N.W. There were also summonses for supplying Eric Lawrence with heroin upon a prescription which did not comply with the Regulations in that Dr. Green's address did not appear on it, and for failing to keep in a locked receptacle 2 lb. of tincture of opium, 5 oz. of linctus diamorphinae, 10 oz. of liquor morphinae hydrochloridi, and 10 oz. of liquor morphinae acetatis. Mr. Vincent Evans, for the Director of Public Prosecutions, stated that these proceedings had been brought because there had been so many breaches of the Regulations. There was, however, nothing against the defendant before. Mr. H. Glyn-Jones, barrister, defending, urged that the offences were purely technical. The defendant was the proprietor of a business that had been established at Kilburn in 1846, and had an absolutely clean record. What Mr. Allen had done was to file invoices for drugs and enter the purchases in the register at the end of the week instead of on the day of purchase or the following day. Entries in the register had also got into arrears owing to the absence of one of the staff and excess of work. Mr. Allen had a complete record of all transactions in these drugs, although he had not entered them in the prescribed register. Since the Dangerous Drugs Act came into force no theft of drugs had taken place from chemists' shops. The magistrate said that the allegation against the defendant was simply that he had failed to observe the Regulations, and as it related to poisonous drugs he could not pass it over. He fined the defendant a total of £17, with £3 costs.

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

DONALD McD. SKINNER, LTD. (P.C.).—Capital £600. Objects: To acquire the business carried on by D. McD. Skinner, chemist and druggist at 14 George Street, Oban. The directors are: D. McD. Skinner, Oban, and H. Skinner. R.O.: 14 George Street, Oban, Argyll.

J. G. ROBB, LTD. (P.C.).—Registered in Belfast, May 9. Capital £500. Objects: To carry on the business of pharmaceutical chemists, druggists, etc. The directors are: Wm. J. Robb, 38 Gainsboro' Drive, Belfast, and J. G. W. Robb, Ph.C., 38 Gainsboro' Drive, Belfast. R.O.: 50 York Road, Belfast.

AYKEX, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of wholesale and retail photographic and manufacturing chemists, pharmacists, druggists, perfumers, etc., to acquire all the rights, title and interest of the registered proprietor in the trade mark, "Aykex," together with the sole and exclusive right to use the same in connection with the company's products. The directors are: S. Winroope, The Central Pharmacy, Market Place, Great Bridge, Tipton; G. W. Smith, 68 New Road, Netherton, near Dudley. R.O.: The Central Pharmacy, Market Place, Great Bridge, Tipton, Staffs.



**WESTERN PERFUMERY CO., LTD.**—At a meeting held in London on April 22 it was resolved that this company be wound up voluntarily. Mr. N. L. Norman, 8 South Parade, Weston-super-Mare, was appointed liquidator.

**NEW INDIAN COMPANIES.**—Among the new concerns recently formed in India are the Deshabandhu Medical Stores and Banking Co., of Rangpur, Bengal, formed with a capital of Rs.100,000, with the object of combining the sale of medical goods with banking operations; and the Chandaikona Pharmacy Co., of Chandai-kona, P. S. Sherpur, District Bogra, Bengal, with a capital of Rs.100,000.

**HODDERS, LTD.**—Shareholders are being invited to participate in a forthcoming issue of 150,000 8 per cent. preference shares of rs. each, and 1,500,000 ordinary shares of rs. each at par. The net proceeds of the issue will be used for additional working capital, repayment of bank overdraft, establishment of further branches, and the taking over of a mortgage from Messrs. Heppells' bankers.

### Bankruptcy Reports

**Re John William Kynaston**, 17 New Oxford Street, W., Lieut.-Col. (retired) late Royal Army Medical Corps. The first meeting of creditors was held on May 19 at London Bankruptcy Buildings, Carey Street, W.C. The receiving order was made on the petition of the General Medical Council, creditors for £187 in respect of law costs of an action the debtor unsuccessfully brought against the Council. Mr. E. Parke, Official Receiver, reported that the debtor had stated that a previous failure was recorded against him in May 1925, from which proceedings he obtained a discharge in the following March. He subsequently acted as director of Mercer Ward, Ltd., 308 Regent Street, W. (a company formed to sell his medicines), until a compulsory winding-up order was made in January 1928, after which he was engaged by the Receiver acting for the debenture holders. On April 16, 1930, his wife purchased the goodwill and trade marks, and she employed him as manager. The debtor attributed his failure to liability for law costs in an action brought by him against the General Medical Council. He returned liabilities £239 against assets 17s. 2d., and in the absence of any offer the case was left in the hands of the Official Receiver to be wound up in the ordinary course of bankruptcy.

### Voluntary Liquidation

**Surrey Drug Co., Ltd.**, North Cheam, Surrey.—The statutory meeting of the creditors was held recently at the offices of Duck, Mansfield & Co., I.A., 63 Coleman Street, London, E.C. The statement of affairs showed ranking liabilities of £1,484 16s. 2d., made up as follows: Trade creditors, £1,194 10s. 1d.; cash claims, £190 3s. 10d.; and bank overdraft, £100 2s. 3d. The assets were estimated to realise £987 13s., or a deficiency, so far as the creditors were concerned, of £497 3s. 2d. The issued capital of the company was £500, and, as regarded the shareholders, there was a deficiency of £997 3s. 2d. The accountants reported that, owing to the death of Mr. C. E. Wharton, the late managing director, it was decided that it would be in the interests of all concerned if the business was sold and the company voluntarily liquidated. A purchaser was found for a sum of £1,000. The business was commenced on April 1, 1929, as an entirely new one. Although the turnover was gradually increasing the net results during the year were insufficient to cover the expenses. The assets, it was anticipated, would be sufficient, after defraying all the costs and expenses, to pay a dividend of something like 12s. 6d. in the £. A resolution was passed confirming the voluntary liquidation of the company, with Mr. F. J. Duck and Mr. Parkin S. Booth, of the Association of Manufacturing Chemists, Kimberley House, Holborn Viaduct, E.C., as joint liquidators, with a committee.

### Private Arrangement

**Robert Gilbert Eacott**, 4 New Street, Sandwich, and Green Street, Teynham, Kent, chemist and druggist. A meeting of the creditors was held recently at the offices of Mr. Parkin S. Booth, accountant, of Kimberley House, Holborn Viaduct, E.C., when a statement of affairs was presented which disclosed liabilities of £1,628 17s. 11d., of which £941 17s. 11d. was due to the trade, and there were cash creditors for £630; in addition, the bank were creditors for £57. There were also fully secured creditors for £1,295, the security held being valued at £1,850. The assets totalled £1,603, from which had to be deducted £8 for preferential claims, leaving net assets of £1,595, or a deficiency of £33 17s. 11d. The debtor commenced business on his own account at Teynham in 1912, paying £570 for the business. He borrowed a sum of money from his mother-in-law, but that amount had been repaid. The turnover when the debtor took over the business was about £7 weekly. About eight years ago he purchased the property for £450, which was much below its value, and he was immediately able to obtain a mortgage for £500. In 1925 the debtor purchased a chemist's business in Sandwich for £260, and also the property for £765. The debtor obtained financial assistance from his bank, lodging with them an endowment policy, and he also obtained a mortgage on the premises of £465. The turnover of that business was only £5 weekly. For the year 1926-7 the turnover at Teynham was £1,508; in the following year it dropped to £1,324, and in the next year it increased to £2,340. The increase in that year was due to the fact that the debtor disposed of a considerable quantity of goods at cost price. With regard to the Sandwich business the turnover from October 1926 to September 1927 was £728, and in the following two years £877 and £910 respectively. Mr. Booth said that the debtor had not been actively associated with the businesses for the past ten years, but had to rely entirely upon assistants. In addition to the assets, the debtor purchased two proprietary articles, "Coburns's Balsom Pills" and "Iveson's Foot Rot Ointment," paying £120 for them, including the stock. Mr. Booth said he had not placed any value upon them, and the sales in respect of them were included in the figures of the turnover given to the meeting. Mr. Booth added that the debtor attributed his present position to the purchase of the Sandwich business and property. No proceedings had been taken against him, but the majority of the accounts were overdue, and he was being pressed for payment. The debtor could make no offer, but was desirous, if possible, of avoiding a forced realisation of his assets. It was decided that the debtor should be requested to execute a deed of assignment in favour of Mr. P. S. Booth as trustee, and a committee of inspection of three of the creditors was also appointed. The following are creditors:—Allen & Hanburys, Ltd., £13; Beechams Pills, Ltd., £19; British American Safety Razor Co., £15; Burgoyne Burbridges & Co., Ltd., £66; Colgate—Palmolive—Peet, Ltd., £11; Cooper, McDougall & Robertson, Ltd., £17; Fassett & Johnson, Ltd., £58; Gambles, Ltd., £15; Gibbs, D. & W., Ltd., £11; Gillette Safety Razor, Ltd., £54; Hughes, E. G., Ltd., £25; International Chemical Co., Ltd., £19; Jeyes Sanitary Compounds Co., Ltd., £10; Kodak, Ltd., £24; London Essence Co., Ltd., £17; Meggeson & Co., Ltd., £10; Newbery, F., & Sons, Ltd., £32; Parke, Davis & Co., £22; Parfumeries de Paris, Ltd., £23; Pears, A. & F., Ltd., £17; Stonham & Son, £23; Terry, J., & Sons, Ltd., £11; United Chemists' Association, Ltd., £42; United Drug Co., £22; Virol, Ltd., £10.

## Gazette

### Partnership Dissolved

**MILLS, A. E., and MILLS, F. H. C.**, High Street, Keynsham, Somerset, chemists and opticians, under the style of Mills and Mills.



# Pharmaceutical Society of Ireland

## Council Meeting

THE monthly meeting of the Council was held at 67 Lower Mount Street, Dublin, on May 13, Mr. F. J. Fitzpatrick (president) in the chair. The following members of the Council were also present:—Mr. Denis J. Nugent (vice-president), Dr. J. A. Walsh, Dr. J. A. Mitchell, Sir Thomas Robinson, Messrs. Patrick Brooke Kelly, P. J. Fielding, D. Warwick, M. J. Kieran and T. J. Doyle. Mr. James J. R. Kerr (registrar) was in attendance. Apologies for absence were received from Mr. Patrick Liston and Mr. Patrick Kieran.

### AMENDMENT OF REGULATION

A letter was submitted from the Ministry of Justice stating that the amendment of Regulation No. 1 of the Regulations for the Preliminary and Licence examinations proposed by the Council had been approved by order of the Minister, and that the amending order had been published.

### CHANGES OF ADDRESS

The following notified changes of address:—

Mr. M. J. Hughes, Ph.C., to 30 Church Place, Lurgan, co. Armagh; Mr. William Gallagher, Ph.C., to 22 Cromwell Road, Hove, Sussex, England; Mr. Francis Kiernan Ph.C., to the Medical Hall, Borris, co. Carlow; Mr. M. E. McMahon, Ph.C., to the Medical Hall, Woodford, co. Galway; Mr. John Curran, Ph.C., to Green Bank, Pudsey, Leeds, Yorkshire; Mr. Dominic J. O'Hanlon, Ph.C., to c/o Mathew Thomas & Co., Ltd., 6 and 7 Barrack Street, Cork; Mr. John J. Cooney, Ph.C., to 33 8th Avenue, Passaic, New Jersey; and Miss Carmelita E. Canton, Ph.C., to c/o O'Farrell's, Ltd., North Strand, Dublin.

### REGISTRATIONS

Mr. Arthur Crowley submitted the L.A.H. diploma and desired to be registered as a pharmaceutical chemist. His application was granted.

Messrs. Fanning, Coghlan and Murphy, who submitted certificates from other bodies, were admitted to preliminary registration.

### REPORTS FROM COMMITTEES

Reports from the Finance Committee, the House Committee and the Legislation Subcommittee were received and adopted.

### PROPOSED PHARMACY BILL

On the motion of the PRESIDENT, seconded by the VICE-PRESIDENT, a deputation consisting of the president, the vice-president, Sir Thomas Robinson, and Mr. M. Kieran was appointed to wait on the Ministry of Local Government and Public Health with reference to the proposed Pharmacy Bill.

### REPORTS OF DEATHS

The registrar reported the deaths of Mr. Wm. Dowling, Ph.C., Tralee, co. Kerry; Mr. Michael Farrell, Ph.C., Tramore, co. Waterford; Mr. R. L. McAdam, Ph.C., St. Kilda, Melbourne, Australia; Mr. R. A. Wilson, Ph.C., Loverna, Saskatchewan, Canada; Mr. Wm. Murphy Kennedy, Ph.C., 22 Fitzwilliam Street, Belfast; and Mr. Richard Barry, R.D., Midleton, co. Cork.

### NON-REPLY TO STATUTORY LETTERS

The registrar submitted a report on the removal from the register of the name of Mr. George Phillips, Ph.C., Roscommon, under Section 25 of the Pharmacy Act (Ireland) 1875.

### REPORTS OF EXAMINERS

The registrar submitted reports from the examiners on the April examinations, from which it appeared that

for the Pharmaceutical Licence examination thirty-four candidates presented themselves, of whom twenty-two passed, two with honours; that six candidates presented themselves for the Registered Druggist examination, of whom two passed; that for the Pharmaceutical Assistant examination fifteen candidates presented themselves, of whom eleven passed; and that there were eighteen candidates for the Preliminary examination, of whom three passed.

### PRELIMINARY EXAMINATION CANDIDATES

The PRESIDENT said that at the previous meeting a member of the Council rather resented his suggestion that the candidates at the Preliminary examination were apparently the rejected everywhere. He based his suggestion on their age and appearance; and he was asked if he had verified it. He did not want to discuss the matter at the moment, but he had verified it to this extent: that he had ascertained that the youngest candidate was almost seventeen years of age, and that the ages of the others ranged up to eighteen, nineteen, twenty-one and twenty-two years and three months. Of the eighteen candidates the examiners had great difficulty in passing three through. Irish pharmacy was better without that type of candidate. 996 girls had passed their Preliminary examination since 1902, and nearly 200 more had come in on matriculation and College of Surgeons certificates; 133 were now qualified and on the register. The class of girls was very much better than the class of men.

### PROPOSED AMENDMENT OF REGULATIONS

Mr. DOYLE moved, in accordance with notice of motion, a resolution providing for the abolition of the Regulations which require that candidates who have been rejected at the Pharmaceutical Assistant and the Pharmaceutical Licence examinations must allow six months to elapse before they can present themselves for re-examination.

After a discussion, the consideration of the resolution was postponed to a future date.

### SEALING OF PHARMACEUTICAL LICENCES

On the motion of the VICE-PRESIDENT, seconded by Mr. FIELDING, the pharmaceutical licences of the following were directed to be signed and sealed:—Catherine M. Harrington, B. M. Lombard, Mary Murphy, Margaret Mary Neary, Michael Smith, Draxmuid Reddy, Patrick M. Smyth, Henry W. A. Sheridan and Patrick A. McMahon.

### Science Lecture

A lecture on "Recent Developments in the Chemistry and Pharmacy of the Internal Secretions" was recently delivered at 67 Lower Mount Street, Dublin, under the auspices of the Pharmaceutical Society of Ireland, by Dr. J. Stanley White. Mr. F. J. Fitzpatrick (president) was in the chair.

### Recent Developments in the Chemistry and Pharmacy of the Internal Secretions

#### [ABSTRACT]

It is only within the last thirty, or at the most forty, years that glands have been studied with any definite idea as to how they act, or what they are capable of doing when preparations of them are administered. Ductless glands include the thyroids with their associated parathyroids, pituitary, suprarenal, and thymus. Other glands are not solely ductless, for the reason that they also elaborate an external secretion. The active



principle of these internal secretions is termed a hormone, two examples of which are adrenalin and thyroxine, although it is doubtful whether the latter represents all the activities of the thyroid gland. Infinitesimal amounts appear to be capable of bringing about extraordinary effects in the animal subject, e.g., it is doubtful whether there is ever more than 10 mgm. of adrenalin in the body of any one individual, and it probably exists in the blood stream in a dilution of 1 in 1,000,000, or at the most 1 in 500,000. Organotherapy made its first and most conspicuous success as the result of administering thyroid. The gland plays an important part in growth and development, not only physical, but also mental. The active principle, thyroxine, was first isolated by Kendal, and subsequently synthesised by Harrington. Unfortunately, it is very insoluble, and this necessitates its being administered intravenously. Thyroxine is indirectly related to adrenalin. For want of a better standard, thyroid is tested according to its iodine content, which varies considerably during the year, reaching its maximum about July. It is now possible to obtain gland preparations in such a way that they are not acted upon by the gastric juices, but definitely disintegrated once they reach the alkaline secretion of the small intestine. The coating is not keratin or salol, but would appear to be the nearest approach to an ideal coating which has yet been evolved. The surprising thing is that hitherto we have believed that thyroid is wholly effective when given by the mouth, for the reason that it is a natural secretion via the œsophagus. Coated in this special way even thyroid has been shown to be more effective, especially in the treatment of obesity. Thyroid should be dispensed only on the prescription of a qualified medical practitioner.

#### PARATHYROID GLANDS

The parathyroids consist of four minute glands deeply embedded posteriorly in the thyroid. It is doubtful if any medical student has ever seen them in the course of his anatomical dissections. In the manufacture of parathyroid preparations use is made of the external parathyroid, which can be found in the lower animals, notably the ox. Parathyroid is administered with the idea of controlling calcium metabolism. It has been said to have been used successfully in such a homely condition as chilblains, and in the form of an extract it is extraordinarily effective in controlling muscular spasms, which sometimes follow surgical operations. There are two methods of standardising parathyroid; one, on the normal dog, and the other on the parathyroidectomised dog. The thymus gland is regarded as the important gland of childhood. We know very little about its action. It has been removed experimentally in the dog, and the animal suffered no ill effect. At one time it was thought to influence the formation of bone. It is possible that as soon as the thymus ceases to function puberty is established.

A much more important gland is the suprarenal, situated on the top of the kidney. It consists of two parts—the outer or cortical portion, and the inner or medullary portion. Very little is known about the cortex except that it undoubtedly influences growth and perhaps controls, at any rate in part, the onset of puberty. It is from the medulla that adrenalin is obtained, perhaps the most remarkable substance in the whole *materia medica*, and certainly one which has been put to most uses. It was first isolated by Takamine in 1901. Adrenalin is an extraordinarily active substance, a dilution of 1 in 100,000 being sufficient to produce a rise in blood pressure. The difference between natural and synthetic adrenalin is that the former is *levo*-rotatory, and the latter optically inactive, because it contains equal parts of *levo*- and *dextro*-rotatory adrenalin. The *levo*-rotatory product, however, can be synthesised and meets the requirements of the B.P. It is significant, however, that practically all of the original work with adrenalin was done with the natural product. Adrenalin can be physiologically standardised, and it is necessary that this should be done, seeing that the solution is not particularly stable.

Adrenalin is incompatible with alkalis and heavy metals.

#### IMPORTANCE OF PITUITARY

The pituitary gland, not much larger than the nail of the little finger, plays an important part in the animal economy. It is perhaps the best protected anatomical structure of the body, situated at the base of the skull in its own little bony cavity. The gland consists of two parts, the anterior and posterior lobes, one developed from the mouth and the other from the brain. It is not many years ago that the anterior lobe was discarded as useless. We now know that it probably elaborates at least two hormones—one concerned with growth, and the other with the development of maturity. This latter hormone forms the basis of the test for pregnancy, recently devised by Zondek and Aschheim, which is said to be the most efficient ever evolved. The urine of pregnant women is now known to contain this anterior pituitary hormone, and if it is injected into young mice it is possible in a few days to kill the animals and see with the naked eye hæmorrhagic spots in the ovaries if the test is positive. If the anterior pituitary enlarges before the bones have united, i.e., before the age of seventeen or eighteen, the individual develops into a giant. If the hypertrophy takes place in later life this condition is known as acromegaly. The posterior lobe has for many years been utilised in the preparation of posterior pituitary extracts, perhaps the best known being pituitrin, a product which will undoubtedly be included in the next B.P. It is of the greatest possible service in obstetrics and also in the treatment of shock and collapse. Some two and a half years ago Kamm and his associates separated the two active principles, the oxytocic principle and the pressor principle. The former has the advantage that it can be used in obstetrical work without increasing the blood pressure.

#### Vote of Thanks

On the motion of Mr. JOHN SMITH, seconded by Mr. PHILIP BRADY, a cordial vote of thanks was accorded to Dr. Stanley White.

## Festivities

#### Lombard Social Club

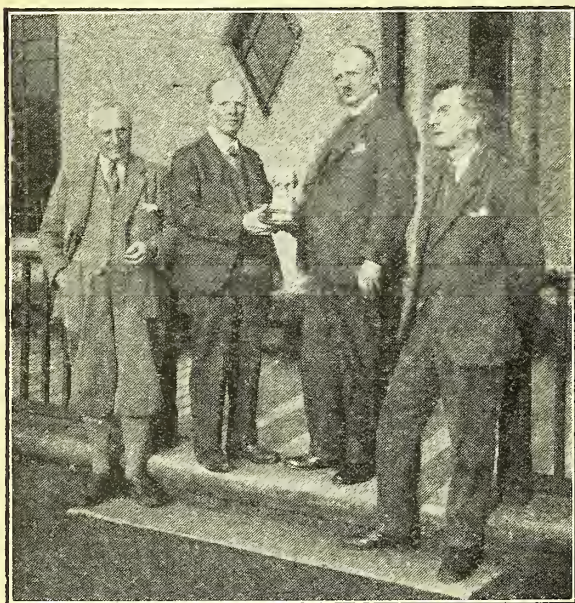
MEMBERS of the Lombard Social Club (Whiffen & Sons, Ltd.) held their annual dinner in the club room at Lombard Road, Battersea, on Friday, May 9. The president, Mr. W. George Whiffen, F.I.C., occupied the chair, supported by Mr. G. Goodman Whiffen, Mr. Stanley W. Whiffen and Mr. Noel H. Whiffen, directors of the firm. Mr. George Whiffen welcomed the guests, who included Lt.-Col. Hatchard Smith, Mr. Dibdin, Mr. Mills of the Wellington Jolly Boys, Mr. Bartlett of the Services Rendered Club, Mr. Towers of Lewis & Towers, and Mr. Wheatley of Beck & Company. After dinner, and following the loyal toast, that of the Club and president was proposed by Mr. W. Houghton, one of the Fulham Senior hands. He also voiced the sentiments of all present in congratulating Mr. George Whiffen upon his presence among them. Mr. George Whiffen, in reply, spoke with satisfaction of the club's activities, its membership and finances, and emphasised the hope that it would continue to attract the employees and their friends, and become more and more a centre for promoting the good feeling already existing, and the furtherance of interests of both employers and employed in the firm of Whiffen & Sons, Ltd. Mr. Noel H. Whiffen proposed the visitors and Lt.-Col. Hatchard Smith responded. Mr. Goodman Whiffen, treasurer, gave a good account of the club funds, and interspersed with the speeches the company enjoyed a programme of music by Mr. Dibdin, Mr. S. Jamieson, M.P.S., Mr. Myrrdin Lewis, Mr. Jack Griffiths and Mr. Harvey, Mr. Billy George, Mr. J. Boyd and Victor Hearn. Mr. Jay Powell's orchestra provided music during dinner.



## Sporting Events

At the annual athletic sports of the Bradford Technical College, held on May 9, the Inter-Departmental Challenge Cup was won for the first time by the Pharmacy and Chemistry Departments. The Inter-Departmental Relay Race for the Priestley Shield was also won by the Pharmacy and Chemistry Departments, whilst Mr. A. H. Boswell (pharmacy department) became the holder of the Richardson Challenge Cup.

A COMPETITION for the trophy given by T. Kerfoot & Co., Ltd., was arranged by the Manchester and District Chemists' Golfing Society at Denton golf course on May 14. The leading scores were:—G. R. Potts, 82-3=79; J. S. Breese, 104-24=80; V. Cromack, 100-20=80; T. O. Owens, 83-2=81; W. A. Sturdy, 89-5=84. Mr. Potts won the Kerfoot trophy for the second year in succession. Mr. Breese



Photo] [Cleworth  
MR. MARTIN PRESENTING THE KERFOOT TROPHY TO MR. E. N. FOX

and Mr. Cromack tied for the second prize given by the Society, and played off nine holes. This resulted in a win for Mr. J. S. Breese. Mr. A. J. Pidd, president, said he would like to express to Messrs. Kerfoot & Co. thanks for their prize and trophy. This was acknowledged by Mr. Martin (representing Messrs. T. Kerfoot & Co., Ltd.). Mr. Martin presented a time-piece, as a memento, and the Kerfoot trophy to Mr. E. N. Fox, the captain, to hand over to Mr. Potts.

THE members of Burgoyne, Burbidge & Company's Football Club have a very creditable record for the season just closed. They secured the championship for the intermediate division of the Eastern Suburban League, were runners-up in Barking and District League, and in the final for the Barking Hospital Cup. It is their second season, and their first in league football. In the Eastern Suburban League 18 matches were played, of which 15 were won, 2 drawn, and 1 lost—equalling 32 points out of a possible 36, and in the Barking District League, 18 matches, of which 11 were won, 5 lost, and 2 drawn, equalling 24 out of a possible 36. The shield and medals for the Eastern Suburban League were presented to them by the president, Councillor Wiseman of East Ham, on May 10, and the medals for the Barking and District League by Mr. G. W. Glenny. The club secretary is Mr. S. Armstrong, 18 Upton Avenue, Forest Gate, E.7, who would like to get in touch with other clubs anxious to arrange friendly matches for next season.

## Association Meetings

**London (W.).**—The annual meeting of the Western Pharmacists' Association was held at 192 Oxford Street, W.1, on May 14, the president (Mr. T. Morley Taylor) in the chair. The report of the general secretaries (Mr. P. S. Windwood and Mr. W. S. Cane) showed that the year closed with a membership of 330, including six honorary members. The social secretary (Mr. G. Thomas) reported on the reunion, dinner and dance, all well-attended and successful functions. The report of the treasurer (Mr. W. E. D. Shirtliff) disclosed a balance in hand. The auditors, Messrs. W. Wilkinson and R. E. Lownsbrough, were re-elected. A ballot for the election of four members of committee resulted in the return of Mr. H. N. Hodgetts, Mr. V. A. Underwood, Mr. W. B. Falding, and Mr. P. S. Windwood, the last two of whom had offered themselves for re-election. Mr. E. Taylor proposed a hearty vote of thanks to the president and officers of the Association, which was seconded by Mr. H. C. E. Glover, and carried unanimously.

**Swinton.**—A meeting of the Swinton and District Pharmacists' Association was held recently to hear addresses by Mr. Briggs and Mr. Pickard, representatives of pharmacy on the West Riding Pharmaceutical Committee. Prior to the introduction of the speakers, Mr. J. P. Norwood congratulated the chairman (Mr. O. A. Hollingworth) on his recent marriage, and on behalf of the Association wished him happiness and prosperity in the years to come. Mr. Briggs gave an account of the working of the Pharmaceutical Committee in relation to the prescribing, dispensing and testing of N.H.I. prescriptions. Mr. Pickard remarked on the tremendous amount of work that devolved on the secretary of the Pharmaceutical Committee, and assured the meeting that the salary of the secretary was fully earned in many ways. Mr. Pickard gave an account of the history of the Proprietary Articles Trade Association, pointing out advantages that the P.A.T.A. had given to present-day pharmacists. The speaker paid a tribute to the late Sir William Glyn-Jones. Discussion and comment followed with regard to the Board of Customs announcement regarding "known, admitted and approved" remedies and the Departmental Committee Report on the Poison and Pharmacy Acts. After replying to various questions the speakers were thanked by the chairman for their addresses. Tea followed.

## College Notes

### VISIT TO UCAL WORKS

THE pharmacy students of Leicester Technical College recently visited the works of the United Chemists' Association, Ltd., at Cheltenham. The students and staff, numbering thirty-five, left Leicester by motor-charabanc, and went by way of Coventry, Warwick, Stratford-on-Avon, Broadway and Winchcombe. They were received at the works by the directors of Ucal, Ltd., and by the principal of the College. The period spent in the works was thoroughly enjoyed by the students, who were struck by the cleanliness and ideal conditions prevailing. After lunch a vote of thanks was accorded to the company, and especially to Mr. A. E. Young, through whom the visit was arranged. The afternoon was spent touring in the Cotswolds, returning to the works for tea. After tea one of the students, in a witty speech, thanked Messrs. Ucal for the splendid day. The return journey to Leicester was by way of Evesham.

**A USEFUL GRASS.**—The Empire Marketing Board has issued a report on the cultivation of "rice grass" (*Spartina Townsendii*) as a means of reclaiming marsh land and preventing coast erosion. It is estimated that in Essex alone between 30,000 and 40,000 acres of mud can be transformed into pasture by the use of the plant.



# Pharmaceutical Society of Northern Ireland

## Council Meeting

THE monthly meeting of the Council was held in the Society's headquarters, Belfast, on May 16, Mr. Fred Storey (president) in the chair. There were present also Messrs. S. S. Badger (vice-president), J. E. Connor, James Dundee (treasurer), Horatio Todd, A. C. McBride, S. Gibson, W. Martin, J. F. Grimes, Professor Small and Dr. S. E. A. Acheson. Mr. D. L. Kirkpatrick (secretary) was in attendance.

Apologies for absence were received from Messrs. W. S. Taylor, J. Maxwell, R. I. Edwards and Sir Thomas McMullan.

### SUGGESTED SCHEDULE OF POTENT DRUGS

THE PRESIDENT said he had had an interview with Professor Wilson, Dean of Faculty at Queen's University, regarding a schedule of potent drugs. He approached the matter from the point of view of public health and the safety of the public, and found the professor very sympathetic. He practically agreed to back them up in any action they might take and bring the matter before the Faculty if necessary. They had decided to have a further conversation, and he (the president) suggested that Professor Small should accompany him.

MR. DUNDEE thought they should be careful; if the Home Office began to make restrictions, where would it end?

MR. TODD said they would win their point if they confined the sale of the articles involved to chemists without restrictions. They did not want any restrictions.

DR. ACHESON asked was it worth going on when only a few things were involved.

THE PRESIDENT: We want to get the principle established.

The president's action was approved.

### PHARMACISTS AND THE LOCAL GOVERNMENT ACT

Sir Hugh O'Neill, Bt., M.P., Mr. W. Stewart, M.P., and Mr. W. E. D. Allen, M.P., wrote stating they would give sympathetic consideration to the proposed amendment to the Local Government Act, 1929, covering the position of pharmacists who, it was intended, should be given the status of principal officers in England.

The Guild of Public Pharmacists wrote noting with considerable satisfaction the expression of interest and kind offer of assistance in this matter on the part of the Council and forwarding copies of their memorandum on the subject.

### RECIPROCAL RELATIONS

The Pharmaceutical Association of Manitoba wrote expressing regret that at present the Council did not feel that it was warranted in extending reciprocal relations outside the Dominion of Canada.

### TEMPORARY EXAMINERS

The Home Office wrote approving of the temporary appointments of Drs. Hugh Gibson and K. G. Emelius as temporary examiners in chemistry and physics respectively in accordance with the terms of the Council's letter.

### POISON-LICENCES

The following letter was read from the Ministry of Home Affairs:—

I am directed by the Minister of Home Affairs to refer to your letter of March 12 last appealing against the granting of licences to sell agricultural and horticultural poisons, by the Londonderry County Council, to five traders. Before finally deciding whether or not the Minister will grant the appeal made by the Society, he would point out that, when the Society appealed on a former occasion, they agreed that

it was essential in the interest of the community that Mr. Patterson Boyle, Dungiven, should be a licensee, and I am to request you to be good enough to state whether or not your Society would be prepared to withdraw the appeal in the case of Mr. Boyle and reaffirm the view held by them that this gentleman should be permitted to sell these poisons.

It was agreed to withdraw the appeal in the case of Mr. Boyle.

The secretary reported that he had opposed the issue of licences in various towns in co. Londonderry, co. Down and co. Antrim, but the county councils had granted them. The towns involved were Carnlough, Castlederg, Omagh, Portaferry, Rathfriland and Draperstown, Limavady, Garvagh and Dungiven.

The secretary was directed to lodge appeals in all the cases.

### EXAMINATION ARRANGEMENTS

The Education Committee reported that 126 candidates had entered for the forthcoming examination. The time-table had been completed, and it had been arranged that the practical examinations for chemistry, botany, pharmacognosy and physics be held at Queen's University.

On the motion of the VICE-PRESIDENT, seconded by Mr. McBride, the report was adopted.

The Education Committee also reported that arising out of a letter from Mr. James McDowell they were satisfied that it was quite in order to accept R.D.s for examination under Part II, provided they had served for nine years with a pharmaceutical chemist prior to the passing of the Act, even though they were less than five years qualified as such. The Committee's decision was unanimously approved.

The following members of the Council were appointed to attend the examinations:—Monday, Mr. R. I. Edwards and Mr. J. F. Grimes; Tuesday, Mr. H. Todd and Mr. W. Martin; Wednesday, Mr. H. McRoberts and Mr. S. Gibson; Thursday, Mr. W. J. Hardy and Mr. James Dundee.

### BRITISH PHARMACEUTICAL CONFERENCE

The president, vice-president, secretary and immediate past-president (Mr. W. J. Hardy) were appointed to represent the Society at the British Pharmaceutical Conference in Cardiff in July.

### MEMBER ELECTED

Mr. Patrick Joseph Quinn, 7 High Street, Dungannon, was elected a member of the Society.

### MEDALS TO BE PRESENTED

THE PRESIDENT moved that for the Council year 1929-30 a gold medal be given by the Society to the candidate who obtained the highest marks in the first effort in the Final examination Part II, and that a medal be given to the candidate who obtained the highest marks in the first effort in Part I Preliminary Scientific examination. He said they now had a substantial amount of funds available, and the entries for the new examination were very large. The resolution was agreed to.

### MEDICAL BENEFITS BILL

MR. GIBSON raised the question of medical benefits. He said that from a very casual study of the Bill which had been issued he thought chemists had not been given a fair representation on the Council that it was proposed to set up, and they should take the matter up.

THE PRESIDENT said that medical men had been working for months, and had got practically all they asked.

It was decided to call together the Council's sub-committee that was appointed to watch the Bill.

Accounts were passed, and the Council rose.



## Circularising Local Buyers

POSTERS on the local hoardings are good business bringers, so is advertising in the local Press; lantern slides in the local cinemas are excellent publicity. There is, however, a cheap and efficient adjunct to these forms of advertising; this is getting publicity by means of house-to-house circularising. It has been customary for some firms to look on circulars as so much money thrown into the gutter. They do not as a rule get delivered properly, and the few that are are never read by the recipients. With a suitable organisation the circulars can be properly distributed. If this work is to be done by hand the men who are employed for the job should be chosen carefully; then if they are assured that there will be a chance of regular work for those who do it conscientiously, it will be possible to establish a small force of reliable people. In order that a true idea of the value of the distributors may be obtained, it is necessary to have some responsible person who is unknown to them going over the same ground to assure himself that the papers are not being pushed in packets down the drains.

### Cost of Distribution

When the circulars are to be distributed only to a certain class of householder in the district or to the names on selected lists, it is usually far cheaper and much more efficient to entrust the work to a firm that specialises in such distribution. The charges for such work varies to some extent according to the size and weight of the circular, and also with regard to the district itself and the class of houses to be visited. For a rough guidance as to cost it may be taken that 8s. 6d. per thousand, *plus* fares, would cover the delivery of 1,000 circulars weighing up to  $\frac{1}{2}$  oz. Another firm, covering in its ramifications some 5 $\frac{1}{2}$  million homes, quotes 7s. 6d. per 1,000, *plus* fares, in London, and 8s. 6d. in the provinces, including fares and supervision, for the same weight. A considerable amount of wasted effort is thus cut out, duplication is avoided, and the circular has a far greater chance of getting into the right hands than if dropped naked through the letter-box. Circulars should be addressed to the lady of the house, for women are of a more inquiring turn of mind than men. The wife can hardly be expected to frame the circular and stand it on the piano; of course, she throws it away, but as she has read it first it is obviously up to the copy-writer to see that the subject matter sticks in her mind. That is his business. If the message on the circular has been read by the householder, and if the goods are such as are needed, a very good groundwork for business has been laid. A firm that has had no previous experience of circulars and their distribution will do well to consult with one of the distributing agencies, who are always ready to give advice on the subject. In many places the local firm of billposters undertakes the work of circular distribution as a side line; the charges in such cases are entirely a matter of arrangement, but it may be assumed that somewhere about 10s. per thousand would be a likely sum to pay. In this way a lot of possibly wasted effort can be avoided. Some distributors will undertake the whole work of preparation and issue.

### Cost of Production

A great advantage of the circular form of advertising is that the printing is not necessarily expensive. It is only to be thrown away, and therefore quality can be cut as low as may be considered consistent with the importance of the commodity offered and the reputation of the firm offering it. The lay-out of the copy will, of course, be determined by the business. A pleasingly informative story will suit one class of commodity and big-type, hammer-blow prices will be more an effective form for another. Colours add to the cost, but are often very effective in rivetting the attention. It would, of course, be impossible to give definite details as to the form such circulars should take: every

man will have his own ideas on the subject. Some of the manufacturers of proprietary goods issue, as part of their sales propaganda, special letters to prospective customers that are undoubtedly effective in themselves, and may be looked upon as sources of inspiration for other goods. As regards other forms of circulars, any of the scores of advertising agents in the Buff Book, to say nothing of the local printers, will supply masses of samples in an endless variety of attractive forms and sizes, from which to make a selection, at an equally varied range of prices.

Advertising by circulars is just one more way of making the public aware of the existence of the shop and of the goods it sells; incidentally, it also keeps old customers reminded of the fact that they are just wanting some more like the last, though it had slipped their memory for the time being. The names of established friends of the business should never be removed from the list; let them have knowledge of everything that is going on, as this increases goodwill in an effective though inexpensive manner.—F. G. P. (30/4).

## Drug Trade Appeal Fund

THE biennial meeting of the Drug Trade Appeal Fund was held in the board room of The British Drug Houses, Ltd., Graham Street, London, N.1., on May 19, Mr. C. A. Hill (The British Drug Houses, Ltd.) in the chair. The following were also present:—Messrs. L. O. Johnson (Fassett & Johnson), John Keall, A. R. Melhuish, W. Millhouse (Thomas Tyrer & Co., Ltd.), W. J. Williams (F. Newbery & Sons, Ltd.), and the secretary (Mr. William Johnston). It was announced that owing to advancing years and infirmity, Mr. Harrington had intimated his intention not to continue his trusteeship. The secretary was instructed to convey to him the thanks of the subscribers for his past services, and their best wishes for his future.

The report showed that no case had arisen since the last meeting in 1928 necessitating action. Arising out of a recommendation made at that meeting, the trustees discussed the feasibility of approaching a Government department with a view to getting medicated wines put on the same footing as medicated spirits when sold by chemists without a licence. It was decided that this could not be done, as the functions of the trustees were concerned with appeals only. They suggested, however, that the matter should be referred to the Pharmaceutical Society and to the Retail Pharmacists' Union, and the secretary was instructed to ask these bodies to approach the Government. The trustees have been informed that replies were received from two Government departments to the representations made. These replies were to the effect that nothing could be done until a Licensing Bill was before Parliament. The financial aspect of the Fund continues satisfactory, and the accounts show an excess of income (£32 6s. 6d.) over expenditure (£11 16s.). The market value of the Fund's stock on May 1, 1930, was £67 17s. The report and accounts were unanimously adopted.

Conversation followed on the subject of "known, admitted and approved remedies." It was pointed out that it was the Drug Trade Appeal Fund, on the initiative of Sir William Glyn-Jones, that secured this privilege for pharmacists. Now that convenience in the use of it was threatened, a recommendation was made that the trustees should keep a watch on events and be ready, along with other trade organisations, to take action when the right time came. A message from Mr. W. F. Gulliver was received, regretting that, as he had left London, he could no longer continue to act as treasurer, though he was able to continue as trustee.

MATERNAL MORTALITY.—"A Biochemical Note on Maternal Mortality and Morbidity," by Captain J. T. Ainslie Walker, issued from the Ainslie Walker Laboratories, London, E.C.4, gives details of the use of Dimol in troubles incident to childbirth.



## Trade Notes

LISTERINE TOOTH-PASTE is advertised in this issue by S. Maw, Son & Sons, Ltd., Aldersgate Street, London, E.C.

CLAY & ABRAHAM, LTD., 87 Bold Street, Liverpool, have augmented the number of their Pen products by the introduction of a corn cure.

SANGERS LTD., 258 Euston Road, London, N.W.1, have issued a new edition of their catalogue of proprietary articles and druggists' sundries.

MAY, ROBERTS & CO., LTD., 7-13 Clerkenwell Road, London, E.C.1, are making a special offer in connection with their effervescent fruit saline. A sample bottle will be sent on application.

R. DEMUTH'S LABORATORIES, 68 Salusbury Road, and Montrose Avenue, London, N.W.16, have introduced Carnate cuticle remover as a companion to their well-known nail polish paste.

LANOLIN.—The Old Strand Chemical & Drug Co., Ltd., 41 Great Tower Street, London, E.C.3, are the distributors of the lanolin products manufactured by Adeps Lanæ, Ltd., Bradford.



STANIFORM, LTD., Carnwath Road, London, S.W.6, elsewhere in this issue draw attention to two seasonal lines, namely, Staniform ointment—for use in hay fever, and Staniform lotion—for insect bites and sunburn. The striking showcard shown in the accompanying illustration is supplied with the special bonus parcel which is available during June.

HIRST, BROOKE & HIRST, LTD., Millgarth Mills, Leeds, have brought out a special list of seasonal lines (such as bathing caps, sports shades, picnic cases), and a copy will be sent to C. & D. readers on receipt of a postcard request.

In the two-colour section of the advertisement pages in this issue will be found announcements by THE HARRY A. PENNEY CO., LTD.; BUTLER & CRISPE; THE LEYLAND AND BIRMINGHAM RUBBER CO., LTD.; MEGGESON & CO., LTD.

PUNKT PRODUCTS DEPOT, 41 Great Tower Street, London, E.C.3, have prepared charts illustrating the manner in which their rollers should be used by ladies and men. Supplies of these charts for distribution to customers will be sent free on application.

THE GENERAL OPTICAL CO., manufacturing opticians, 120 Clerkenwell Road, London, E.C.1, are publishing a revised edition of their general catalogue, the first instalment of which deals with sight-testing apparatus and equipment. A copy of this section will be sent to any C. & D. reader on receipt of a trade card.

GOMENOL PRODUCTS.—Coates & Cooper, 41 Great Tower Street, London, E.C.3, have sent us a copy of a publication dealing with the therapeutic properties of Gomenol preparations (for which they are the distributors in this country), and inform us that the attention of medical practitioners is being drawn to this old-established proprietary. A copy of the booklet will be sent to any of our readers who are interested.

ANOTHER "KELLY."—The forty-fourth edition of Kelly's "Directory of the Merchants, Manufacturers and Shippers of the World" has just been published, in two volumes, at 64s., post free. The book covers the whole world, is copiously indexed in four languages, and in addition to comprising more than 1,500,000 names, and dealing with over 20,000 places, serves as a gazetteer. Volume I deals with foreign countries and their possessions, while Volume II is devoted to Great Britain, India and the British Dominions, Colonies, Protectorates and Dependencies. That part of Volume II which deals with Great Britain has been subdivided into sections dealing with (1) England, Scotland and Wales; (2) London; and (3) Ireland. Reference to any desired information is facilitated by a concise explanation of the arrangement, which is given at the commencement of the book with an example of how to make use of it. The address of the publishers is 186 Strand, London, W.C.2.

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1930, p. 341.

(From "The Trade Marks Journal," April 23, 1930.)

### ALTERATION OF THE REGISTER

According to "The Trade Marks Journal" of April 23 1930, leave has been given to Cooper, McDougall & Robertson, Ltd., to alter trade-mark No. 253,094 in Class 2.

(From "The Trade Marks Journal," April 30, 1930.)

- "SPEDROL"; "SPEDSAL"; for asthma remedy; and for nerve medicine (3). By E. G. Rees, The Hygga, Monmouth - Chepstow Road, Llanishen, Chepstow 509,825/826. (Associated.)
- "ERBOLIN"; for ergot preparations for obstetrics (3). By Stafford Allen & Sons, Ltd., 7 Cowper Street, Finsbury, London, E.C.2. 510,459.
- "MARMEI" with label design including name and address of applicant; for cough remedy, etc. (3). By W. T. Gorfett, 160 Kingston Road, Portsmouth. 507,457. (Associated.)
- "STEEDMAN"; "STEEDMANS"; for teething powders (3). By J. Steedman & Co., 272 Walworth Road, London S.E.17. 508,439/440. (Associated.)
- "VENO'S"; for cough medicine (3). By Veno Drug Co. (1925) Ltd., Veno Buildings, Chester Road, Manchester. 510,641. (Associated.)
- "SUGADEX"; for maize sugar for medicinal use (3) and for food substances (42). By Corn Products Co., Ltd., Bush House, Aldwych, London, W.C.2. 511,114/115. (Associated.)
- "EXTOMAK"; for medicinal chemicals (3) and for food substances (42). By Bengers Food, Ltd., Mary Street, Strangeways, Manchester. 511,536/537. (Associated.)
- "BUTTERSCOTCH BRAND"; "GOLDEN ARCHER"; for malt and cod-liver oil foods (42). By C. Tolkien & Co., Ltd., Elliott Street, Silsden, Yorkshire. B509,274; 510,847. (From "The Trade Marks Journal," May 7, 1930.)
- "SOLVOCHIN (HOMBURG)"; for injections for pulmonary diseases (3). By Chemisch-Pharmazeutische A.G. Bad-Homburg, Daimlerstrasse 25, Frankfurt-on-Main, Germany. B500,925.
- "RAYCEIN"; for injections for cancer (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 508,290. (Associated.)
- "EPSONIA" between hooked lines; for an indigestion preparation (3). By E. T. Warriner, 19 Sackville Street, London, W.1. 509,888.
- "SELAH"; for medicated sweetmeats, lozenges and pastilles (3). By P. G. Hales, 12 Devonport Gardens, Ilford, Essex. 510,234.
- "PHILODE"; for pile ointment (3). By T. M. Davis, 34 Leicester Square, London, W.C.2. 510,991.
- "PRIAR TUCK'S CHERRY PHOSPHATE BLOOD TONIC ESSENCE"; for cherry phosphate preparations (3). By Cupal, Ltd., Phoenix Mill, King Street Bridge, Blackburn. 511,213. (Associated.)



## Births

Notices for insertion in this column must be properly authenticated.

MCGLASHAN.—At 14 Lightburn Road, Ulverston, on May 16, the wife of Ronald D. McGlashan, chemist and druggist, of a son.

## Marriages

COOPER—JOHNSON.—At St. Agatha's Church, Birmingham, on May 17, Harry Talbot Cooper, chemist and druggist, High Street, Upton-on-Severn, to Minnie Johnson, Sparkbrook, Birmingham.

JONES—LEWIS.—At St. Cadvan's Church, Towyn, recently, David H. M. Jones, chemist and druggist, only son of Mr. D. Jones, chemist and druggist, Towyn, to Enid M. Lewis.

MANLEY—TRATT.—At Honiton Baptist Church, on May 18, Charles R. Manley, chemist and druggist, to Winifred I. Tratt.

### Silver Wedding

CLARKE—SHORT.—At St. Mary's Cathedral, Sunderland, on May 18, 1905. William Joseph Clarke, Stockton-on-Tees, to Mary Alice Short, Middlesbrough. Present address: 16 Stanhope Road, Stockton-on-Tees.

## Deaths

MASON.—At his residence, 15 Freta Road, Bexleyheath, on May 10, Mr. Alfred James Mason, retired chemist and druggist, aged eighty-six. Mr. Mason was in business at Bexleyheath for upwards of forty years.

SARGEANT.—At Leeds, on May 20, Mr. Frederick Pilkington Sargeant, Ph.C., F.C.S., barrister-at-law, a past-president of the Pharmaceutical Society of Great Britain. Mr. Sargeant was educated, and apprenticed at Chorley. He passed the Major examination in 1896, within three months of qualifying, and founded the Leeds College of Pharmacy two years later. For a long period he took an active part in pharmaceutical affairs in Yorkshire, holding office as president of the Leeds Chemists' Association and of the West Riding County Pharmacists' Association. Mr. Sargeant was elected to the Council of the Pharmaceutical Society in 1912; he became vice-president in 1920, and president in 1924. His speech at the dinner of the British Pharmaceutical Conference, which met that year in Bath, created a great impression as an able exposition of the functions of the Society and Conference. At the time of his death he was a candidate for re-election to the Council. The result of the election appears on p. 642 of this issue.



MR. F. P. SARGEANT, Ph.C.

SEEDHOUSE.—Recently, Mr. William Seedhouse, chemist and druggist, Rockingham House, Newmarket. Mr. Seedhouse, who qualified in 1888, was a member of the Ethelreda Lodge of Freemasons. He leaves a widow and a son.

SHELLEY.—At a Walsall nursing home, on May 13, Alderman Edward Shelley, J.P., managing director of

Shelley's Drug Stores, Ltd., 36 Caldmore, Walsall, aged sixty-three. Mr. Shelley, who was the son of a Bilston chemist, removed to Walsall at the age of eighteen and became dispenser to the Medical Aid Society. He opened a business of his own at Caldmore Green a few years later, and eventually a branch at Palfrey. Mr. Shelley was associated with the public life of the town for thirty years. He was elected to the Town Council in 1900; he retained his seat without a break till his death, and in 1922 was made an alderman of the borough. His principal public work was devoted to educational causes, and his last public appearance was at the opening of an extension to the Walsall School of Art. In 1927 Alderman Shelley was elected Mayor of the borough; in the following November he became deputy Mayor. He leaves a widow, a son and two daughters. The funeral took place at Ryecroft Cemetery on May 16, after a service at Trinity Wesleyan Church. Among those present in the large congregation were the Mayor and many other local public men. Suitable reference was made to the event at Walsall Police Court on May 14 by the presiding magistrate.

## Personalities

MR. PHILIP F. ROWSELL, J.P., member of the Council of the Pharmaceutical Society, has been elected chairman of the Faculty of Insurance for Great Britain.

MR. A. C. CANNON, chemist and druggist, Truro, and his wife have been making a tour in North Wales and calling upon friends in the trade in Liverpool and Chester.

At a recent meeting of the Faling Rotary Club, London, W., Mr. Thomas Marns, member of the Council of the Pharmaceutical Society, gave an address on "The Chemist, his Education, Training and Sphere of Usefulness to the Community."

MR. H. F. DAVIES, chemist and druggist, proprietor of Prosser & Co., chemists, Broadway, Cardiff, slipped on a banana skin in the street recently and sustained a broken leg. Mr. Davies asks us to thank all his friends for kind inquiries.

MR. W. DAWN COPLEY, chemist and druggist (Smart & Copley, Ltd., chemists, Bulawayo, Rhodesia), who is again on a visit to this country, may be addressed c/o Tozer, Kemsley & Millburn, Ltd., 84 Fenchurch Street, London, E.C.

ALDERMAN JOHN LLEWELLYN, formerly one of the best-known chemists in the Vale of Glamorgan, has retired from the Cowbridge Town Council after over fifty years' service as councillor and alderman. Mr. Llewellyn retired from business several years ago.

MR. F. GLADSTONE HINES, member of the Council of the Pharmaceutical Society, has for business and personal reasons resigned his seat on the York National Health Insurance Committee after fifteen years' continuous membership. During his tenure of office Mr. Hines has been for the past five years chairman of the Medical Benefit Subcommittee, and at the time of his resignation was also chairman of the North of England Joint Insurance (Prescriptions) Committee. Resolutions were unanimously passed recording the Committees' high appreciation of his services.

## Information Department

### INFORMATION WANTED

- |   |  |
|---|--|
| L/175. Batliwall's ague mixture   | B/125. Lamplough's Saline (present source) |
| W/145. Deaf Appliance Co. (formerly of 6 Baker Street, London), present address | C/195. Naphthalene eggs                    |
| D/165. Lady Sayner's compact powder   | E/145. New Century feeders                 |
| D/165. Lear's balsamic tablets  | T/103. Slimmer elastic hosiery             |
|   | E/125. Stevens' silicon plate powder       |
|   | D/85. Venus of Bath lemon cream            |



# Observations and Reflections

By Xrayser III

## Now That We Know

what was the evidence given before the Departmental Committee on behalf of the Pharmaceutical Society, it must be admitted that the Council of the Society was faithful to its trust in the first instance. Opinions may, and doubtless will, differ regarding the expediency of the policy outlined in the memorandum submitted (*C. & D.*, May 17, p. 611) in response to the request of the Departmental Committee, but there should be general agreement that the original evidence was to the point and stated our case clearly. It is now manifest that the Council missed no opportunity at the outset of urging that full consideration should be given in the course of the inquiry to all outstanding problems, including the dispensing of medicines by persons not qualified under the Pharmacy Acts, the lack of any check on the supply of medicines by doctors, the need of defining and restricting the chemist's business, etc. But it was decided by the Committee that such matters went beyond the scope of its terms of reference, though it seems obvious to me that Mr. Gamble's protest on this point was fully justified by the wording of paragraph (5) in the original minute of appointment, which definitely authorises the persons appointed to consider and report upon "any other matters to which the attention of the Committee may be drawn." As you remark, however, once again a Committee shirked its duty and forgot the public welfare, dealing only with what appeared easy and leaving the error to others to rectify, if possible.

## Rectifying Error

in such circumstances is not easy of accomplishment, but the course to be followed should be obvious to the Council of the Pharmaceutical Society. What the Departmental Committee chose mistakenly to regard as being outside the scope of its terms of reference ought to be brought within the purview of Parliament simultaneously with the proposals of the Committee, as set out in the draft Pharmacy and Poisons Bill. This can probably best be done by the introduction on behalf of the Society, of an independent Pharmacy Bill, dealing with everything to which it seems necessary or desirable that the attention of Parliament ought to be directed, whether already included in the Government Pharmacy and Poisons Bill or not. The Council of the Society is committed by its supplementary memorandum to the main features of the present draft Bill, despite President Parry's repudiation at Liverpool, to which you referred last week (p. 604); and it is now surely under an obligation to do everything in its power to rectify the error resulting from the shirking of duty by the Departmental Committee.

## The Memorandum

upon questions submitted by the Departmental Committee will almost certainly provide the material for the case against the Pharmaceutical Council, which critics may be expected to formulate now and hereafter. And yet, it is difficult to see what other course the Council could wisely have pursued than that indicated by the wording of the memorandum. How long it was before the inquiry started that the deposition of the Society had been informally decided upon by certain Government officials we do not know. That the course followed by the inquiry had been more or less preconceived well in advance appears to be a not unreasonable supposition, particularly in the light of the revelations contained in the article of "A Pharmaceutical Observer" (*C. & D.*, May 10, p. 575). But there is nothing to show that the Council was aware of this, and it seems safe to assume that, while

the inquiry itself appears to have come as a surprise to that body, so did realisation of the extent to which the position had been weakened by the attitude adopted by the Society's former secretary. I wonder how many who are interested in this matter have taken the trouble to read the memorandum prepared by the late Sir William Glyn-Jones (*C. & D.*, March 22, p. 354), with its suggestions for virtual abolition of the Pharmaceutical Society as it exists to-day, and fusion of what he would have left of its functions with those of trade organisations which he enumerated in his statement.

## There is a Quickened Interest

in words and their meanings, if not in their origins, due largely to the crossword puzzles and the various activities of the British Broadcasting Corporation. Your succinct paragraph, in the *Commercial Compendium*, on the word "simple" tempts me to point out that even in this case of a word apparently free from philological obscurities there are found matters worth a few minutes consideration. As you state, it signifies, in so far as physics is concerned, a plant or part of a plant used in medicine. This is a meaning very much more restricted than that which was common from the time of Galen down to the eighteenth century. Throughout the whole of those seventeen hundred years it was employed in precisely the same sense in which it appears in the first London Pharmacopœia. The first section of that volume consists of "Catalogus Simplicium"; this comprises lists of all the crude drugs of vegetable, animal and mineral origin, then official. In other words the term "simples" was synonymous with our term "materia medica." The catalogue of simples continued to appear in successive editions of the Pharmacopœia until the fourth edition (1721); in the fifth edition (1746) the heading of the lists was altered to "Materia Medica."

## We May Regard Galen

as being the first to give currency to "simples" in the sense of including all crude drugs of diverse origin. The Latin translation of his work on this subject, "De Simplicium Medicamentorum Facultatibus," is as exact a rendering of the Greek original as is possible; this is the classical source of our term. For two hundred years there has also been in use the word in the narrower sense mentioned by you, namely, its application to herbal remedies. Some herbalists of the present day who wish to produce an atmosphere of authority with roots fixed in "ye olden tyme" are fond of referring to their wares as "simples." In the seventeenth and eighteenth centuries the herbalist was often called a "simplist," and the collecting of medicinal herbs was "the art of simpling." William Coles published his well-known book with that title in 1656. But these words were undoubtedly appropriated by the herbarists of that time from the nomenclature of the physicians. At the close of the seventeenth century we find John Bullokar (1676) stating that a "simplist" is "an Herbalist, one that professeth skill in the nature of simples, of plants, of drugs." Bullokar stood for the popular acceptance of the word; but, on the other hand, we have evidence from the faculty in Stephen Blacard, whose "Physical Dictionary" first saw the light in 1684, who says that "Simplicia" are "Medicines unmixed and uncompounded," which is quite in the classical tradition. In the course of a further fifty years or so we come to Dr. Johnson's Dictionary, in which we reach the kernel of the matter. He says it is "A single ingredient in a medicine; a drug. It is popularly used for an herb"; and he provides quotations which embrace the whole of the materia medica.





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## Editorial Articles

### The Finance Bill, 1930

THE Finance Bill for the present year has some features which take it at once out of the category of the commonplace. By it, for the first time in our fiscal history, the taxpayer is brought face to face with the possibility that he may on his death have one-half of his property taken by the State in estate duty alone; while an increase in the rate of the income tax, such as Mr. Snowden proposes, is something which it had long come to be regarded as possible only in the event of, or at least the immediate prospect of, a war. The clauses in Part I of the Bill, with one exception, call for little comment. Provision is made for an increase of 3s. per standard barrel in the beer duty—an increase so small that it is expected that it will be paid out of the profits of the brewer and not, as would be the case with a more substantial increase, passed on to the consumer. A subsequent clause provides for a concession in the rate of licence duty on motor-bicycles not exceeding 224 lb. in weight unladen and on goods motor-vehicles, other than those electrically propelled, exceeding two tons but not exceeding two and a half tons in weight unladen. It is around Clause 5 of the Bill that controversy is likely to rage, because of its political implications. This clause provides for the repeal of the section of the Safeguarding of Industries Act, 1921, which imposed a customs duty of 33½ per cent. of their value upon imported foreign goods, other than food or drink, certified by the Board of Trade to be put on the British market at a price below their cost of production or at a price which, by reason of depreciation in the currency of the country producing them, gave them an unfair advantage in competition with goods of British origin. It thus puts in issue the vexed question whether or not "dumped" goods ought to be allowed a free market in this country. Part II deals with income tax, surtax and matters incident thereto. The standard rate of income tax for the year is raised from 4s. to 4s. 6d. in the £, while the rates for surtax upon individuals having incomes in excess of £2,000 a year are altered from the scale running from 9d. to 6s. in the £ to a scale running from 1s to 7s. 6d. in the £. It may be noted as an unusual feature in the imposition of the tax that the increased scale is made to apply to the surtax



for the year 1929-30, which is payable on January 1, 1931. At the same time the Bill gives relief to taxpayers in some directions. Thus, the deduction previously allowed from net taxable income of half the standard rate of tax on an amount up to £225 is increased to a deduction of tax of five-ninths the standard rate on an amount up to £250. The Bill also proposes that relief in respect of premiums on policies for life insurance shall be for those taken out prior to June 1916, at the rates of 2s. where the total income does not exceed £1,000, 3s. where the income is between £1,000 and £2,000, and 4s. where the income exceeds £2,000. Exemption is also granted in the case of income arising from the office or employment in the United Kingdom of a consul or official agent, and a concession is made as to the amount of surtax payable on the income of a person who dies within the year of assessment. Some administrative changes are made in this part of the Bill, the most important of which are the extension from three months to twelve of the period within which a change in the ownership of a business has to be notified, and an enlargement of the powers of the special commissioners to require associations such as companies to furnish them with particulars as to the holdings by persons of securities in those associations. Under this head also comes a proposed amendment of the law by which the tax or an instalment of the tax, if in either case it does not exceed £50, may be recovered by proceedings in the magistrates' court. Of special importance, in view of the contemplated legislation in the near future to provide for the taxation of land values, are the clauses dealing with the valuation of properties for taxation under Schedules A and B. A valuation for this purpose is in future to be made every five years of all properties in Great Britain. Another minor change of some importance proposed in the Bill is the revision of the basis of assessment of new businesses in the first three years of their trading. Part III and the second Schedule of the Bill embody the proposed changes in the law as to estate duty. The new scale of duties which is to come into force on the passing of the Bill provides for changes in the rates on estates of more than £120,000. Increases varying from 1 per cent. up to 10 per cent. are made, and for the future an estate exceeding £2,000,000 will be liable to an estate duty of 50 per cent. It is a matter of common knowledge that even with the old rates in force the taxation by way of death duties was regarded as so excessive that various devices have been had recourse to for the purpose of evading or at all events mitigating it. The case of the large landowner in particular who turned his estates over to a private company so as to escape estate duties has for some time attracted public notice. The Bill, in Clauses 29 to 33, makes provision for preventing leakage of revenue in this way. The text of the clauses cannot easily be given in a compressed form, but their meaning may be conveyed in this way: If a person transfers an estate to a "private company" as defined in the Bill otherwise than by way of a *bona-fide* sale for full consideration, or had not, at least three years before his death, relinquished all interest in the property, then if he receives sums from the company (other than dividends on any shares he may hold or money he may have lent to the com-

pany), and if what he receives in any year amounts to more than three-tenths of the company's income, the company is to be assessed to estate duty. The charge is to be made on such proportion of the company's assets as the benefits taken by the transferor in one year bear to the income of the company for that year. A private company for the purposes of the charge for duty is defined as a body which either (i) is so constituted as not to be controlled by the shareholders or by any class thereof; or (ii) has not issued to the public more than half of the shares by the holders whereof it is controlled. The case might be put as one in which the landowner gives the shares to his relatives but retains the control of the company himself. The Bill also makes some amendments in the law relating to the charge of estate duty upon shares of a company and objects of national interest passing upon death and upon the surrender of certain interests in settled property. The only provisions of general interest in the rest of the Bill are those which repeal the stamp duty on copies of probates of wills and letters of administration and those which give exemption from companies' capital duty to certain companies formed for national purposes.

#### This Year's Council Election

THE Pharmaceutical Society's Council election for the year will be remembered for at least one feature; one of the candidates, Mr. F. Pilkington Sargeant, who was a past-president of the Society, passed away before the poll was closed. How far this goes to vitiate the election is not quite clear; but the president and Council seem to have been confident in ruling out the third name in order of votes and declaring the eighth candidate, Mrs. Freke, elected. Another departure from the by-laws was made. The method of voting specified is to erase the names of the candidates for whom each voter does not wish to vote; this, too, was ignored, and voters were invited to place the selected crosses on the left-hand side—the "wrong" side—of the paper. Apart from this, the number of papers returned would seem to indicate that only about half the members were awake to the situation. Bewilderment seems to have affected pharmacists ever since that wonderful draft Bill was revealed by a Rip van Winkle Departmental Committee. The election shows the result. The attack on entrenched position was, on the face of it, futile, more so than has been usual in recent years. The old members remain on the Council, and electors still imagine age to be a sign of wisdom. Among the new candidates there has been manifested little of driving force. "Reliance upon experienced leadership is necessary"—"Do not change your representatives in mid-stream," and the rest followed with something equally banal. Largely, the selection was a demonstration of missed opportunity for putting stiffening into proposals for any legislation which may be put forward on behalf of pharmacy. And yet, are we sure that it was a lack of stiffening? Was it not that the conservative element was too strong? The leader, Mr. Neathercoat, drops 300 votes on a 1,500 increase in the poll. Three years ago Mr. Neathercoat polled within 300 of the voting strength; this year he fails to captivate nearly 3,000; that is the true answer of the electorate. Meantime, we have Mr. Deacon, a worthy increase to the Council, as a new member; but unless it had been for the unfortunate death of Mr. Sargeant, Mrs. Freke would have lost her seat. What does this answer of the electorate mean? There must be no such action over the draft Bill on Pharmacy and Poisons as marked the enactment of the Dangerous Drugs Acts and Regulations. We must be true to a high conception of pharmacy, and the Council must play the game, as a team representing pharmacists, to achieve victory; if the Council should fail at the crisis, in the ultimate analysis, whether individuals pay or not, pharmacy itself will be faced with practical extinction.





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## Editorial Articles

### The Finance Bill, 1930

THE Finance Bill for the present year has some features which take it at once out of the category of the commonplace. By it, for the first time in our fiscal history, the taxpayer is brought face to face with the possibility that he may on his death have one-half of his property taken by the State in estate duty alone; while an increase in the rate of the income tax, such as Mr. Snowden proposes, is something which it had long come to be regarded as possible only in the event of, or at least the immediate prospect of, a war. The clauses in Part I of the Bill, with one exception, call for little comment. Provision is made for an increase of 3s. per standard barrel in the beer duty—an increase so small that it is expected that it will be paid out of the profits of the brewer and not, as would be the case with a more substantial increase, passed on to the consumer. A subsequent clause provides for a concession in the rate of licence duty on motor-bicycles not exceeding 224 lb. in weight unladen and on goods motor-vehicles, other than those electrically propelled, exceeding two tons but not exceeding two and a half tons in weight unladen. It is around Clause 5 of the Bill that controversy is likely to rage, because of its political implications. This clause provides for the repeal of the section of the Safeguarding of Industries Act, 1921, which imposed a customs duty of 33½ per cent. of their value upon imported foreign goods, other than food or drink, certified by the Board of Trade to be put on the British market at a price below their cost of production or at a price which, by reason of depreciation in the currency of the country producing them, gave them an unfair advantage in competition with goods of British origin. It thus puts in issue the vexed question whether or not "dumped" goods ought to be allowed a free market in this country. Part II deals with income tax, surtax and matters incident thereto. The standard rate of income tax for the year is raised from 4s. to 4s. 6d. in the £, while the rates for surtax upon individuals having incomes in excess of £2,000 a year are altered from the scale running from 9d. to 6s. in the £ to a scale running from 1s to 7s. 6d. in the £. It may be noted as an unusual feature in the imposition of the tax that the increased scale is made to apply to the surtax



for the year 1929-30, which is payable on January 1, 1931. At the same time the Bill gives relief to taxpayers in some directions. Thus, the deduction previously allowed from net taxable income of half the standard rate of tax on an amount up to £225 is increased to a deduction of tax of five-ninths the standard rate on an amount up to £250. The Bill also proposes that relief in respect of premiums on policies for life insurance shall be for those taken out prior to June 1916, at the rates of 2s. where the total income does not exceed £1,000, 3s. where the income is between £1,000 and £2,000, and 4s. where the income exceeds £2,000. Exemption is also granted in the case of income arising from the office or employment in the United Kingdom of a consul or official agent, and a concession is made as to the amount of surtax payable on the income of a person who dies within the year of assessment. Some administrative changes are made in this part of the Bill, the most important of which are the extension from three months to twelve of the period within which a change in the ownership of a business has to be notified, and an enlargement of the powers of the special commissioners to require associations such as companies to furnish them with particulars as to the holdings by persons of securities in those associations. Under this head also comes a proposed amendment of the law by which the tax or an instalment of the tax, if in either case it does not exceed £50, may be recovered by proceedings in the magistrates' court. Of special importance, in view of the contemplated legislation in the near future to provide for the taxation of land values, are the clauses dealing with the valuation of properties for taxation under Schedules A and B. A valuation for this purpose is in future to be made every five years of all properties in Great Britain. Another minor change of some importance proposed in the Bill is the revision of the basis of assessment of new businesses in the first three years of their trading. Part III and the second Schedule of the Bill embody the proposed changes in the law as to estate duty. The new scale of duties which is to come into force on the passing of the Bill provides for changes in the rates on estates of more than £120,000. Increases varying from 1 per cent. up to 10 per cent. are made, and for the future an estate exceeding £2,000,000 will be liable to an estate duty of 50 per cent. It is a matter of common knowledge that even with the old rates in force the taxation by way of death duties was regarded as so excessive that various devices have been had recourse to for the purpose of evading or at all events mitigating it. The case of the large landowner in particular who turned his estates over to a private company so as to escape estate duties has for some time attracted public notice. The Bill, in Clauses 29 to 33, makes provision for preventing leakage of revenue in this way. The text of the clauses cannot easily be given in a compressed form, but their meaning may be conveyed in this way: If a person transfers an estate to a "private company" as defined in the Bill otherwise than by way of a *bona-fide* sale for full consideration, or had not, at least three years before his death, relinquished all interest in the property, then if he receives sums from the company (other than dividends on any shares he may hold or money he may have lent to the com-

pany), and if what he receives in any year amounts to more than three-tenths of the company's income the company is to be assessed to estate duty. The charge is to be made on such proportion of the company's assets as the benefits taken by the transferor in one year bear to the income of the company for that year. A private company for the purpose of the charge for duty is defined as a body which either (i) is so constituted as not to be controlled by the shareholders or by any class thereof; or (ii) has not issued to the public more than half of the shares by the holders whereof it is controlled. The case might be put as one in which the landowner gives the shares to his relatives but retains the control of the company himself. The Bill also makes some amendments in the law relating to the charge of estate duty upon shares of a company and objects of national interest passing upon death and upon the surrender of certain interests in settled property. The only provisions of general interest in the residue of the Bill are those which repeal the stamp duty on copies of probates of wills and letters of administration and those which give exemption from companies' capital duty to certain companies formed for national purposes.

### This Year's Council Election

THE Pharmaceutical Society's Council election for this year will be remembered for at least one feature; one of the candidates, Mr. F. Pilkington Sargeant, who was a past-president of the Society, passed away before the poll was closed. How far this goes to vitiate the election is not quite clear; but the president and Council seem to have been confident in ruling out the third name in order of votes and declaring the eighth candidate, Mrs. Freke, elected. Another departure from the by-laws was made. The method of voting specified is to erase the names of the candidates for whom each voter does not wish to vote; this, too, was ignored and voters were invited to place the selected crosses on the left-hand side—the "wrong" side—of the paper. Apart from this, the number of papers returned would seem to indicate that only about half the members were awake to the situation. Bewilderment seems to have affected pharmacists ever since that wonderful draft Bill was revealed by a Rip van Winkle Departmental Committee. The election shows the result. The attack on entrenched position was, on the face of it, futile, more so than has been usual in recent years. The old members remain on the Council, and electors still imagine age to be a sign of wisdom. Among the new candidates there has been manifested little driving force. "Reliance upon experienced leadership is necessary"—"Do not change your representative in mid-stream," and the rest followed with something equally banal. Largely, the selection was a demonstration of missed opportunity for putting stiffening into proposals for any legislation which may be put forward on behalf of pharmacy. And yet, are we sure that it was a lack of stiffening? Was it not that the conservative element was too strong? The leader, Mr. Neathercoat, drops 300 votes on a 1,500 increase in the poll. Three years ago Mr. Neathercoat polled within 300 of the voting strength; this year he fails to captivate nearly 3,000; that is the true answer of the electorate. Meantime, we have Mr. Deacon, a worthy increase to the Council, as a new member; but unless it had been for the unfortunate death of Mr. Sargeant, Mrs. Freke would have lost her seat. What does this answer of the electorate mean? There must be no such action over the draft Bill on Pharmacy and Poisons as marked the enactment of the Dangerous Drugs Acts and Regulations. We must be true to a high conception of pharmacy, and the Council must play the game, as a team representing pharmacists, to achieve victory; the Council should fail at the crisis, in the ultimate analysis, whether individuals pay or not, pharmacy itself will be faced with practical extinction.



# Pharmaceutical Society of Great Britain

## Eighty-Ninth Annual Meeting, London, May 21

THE report of the Departmental Committee failed, as did the greatest war in history, to affect the attendance at this year's annual meeting of the Pharmaceutical Society, held on May 21 in the lecture-theatre at 17 Bloomsbury Square, the audience numbering about the usual fifty. The president took the chair punctually at noon, supported by the vice-president (Mr. A. R. Melhuish), the treasurer (Mr. T. Guthrie), the secretary (Mr. H. N. Linstead), the resident secretary in Scotland (Mr. J. Rutherford Hill), and the Society's solicitor (Mr. W. H. Quarrell). The members of the Council present, in addition to those at the table, were (so far as could be ascertained), Mrs. Freke, Messrs. H. Antcliffe, W. J. Beardsley, F. E. Bilson, F. G. Hines, J. Humphrey, A. H. Jenkin, J. Keall, T. Marns, E. Saville Peck, P. F. Rowsell, Herbert Skinner, and F. G. Wells. The audience included Mr. Frank Browne, Mr. J. P. Gilmour, Mr. J. F. McNeal, Mr. E. J. Millard, Mr. J. Milner, Mr. Arthur Mortimer, Mr. J. H. Robinson and Mr. G. A. Tocher.

The president's speech, which occupied about thirty-five minutes in delivery, was not lacking in subject-matter; among the principal topics of importance were the Departmental Committee's report, the building fund, the death of Mr. Sargeant, the illness of Mr. William Bennett, and the deficit in the Benevolent Fund. Forestalling a possible question as to the market value of the Society's investments, the president pointed out that they were now worth more than the official estimate. A silence that could be felt enveloped the audience as Mr. Parry admonished them on the urgency of finding a large sum of money for the purposes of building. The discussion which followed was above the average in interest, lending confirmation to the dictum that good plays make good actors. The implications of the Departmental Committee's report afforded sufficient texts for the orators of the day, to whom the president concisely replied.

### The President's Speech

THE PRESIDENT, who was received with applause, said:—

"My first duty at this meeting this morning is on behalf of the Council to extend a cordial welcome to you, ladies and gentlemen, for your attendance here this morning. The annual meeting of the Society is the occasion when the Council renders an account of its work during the past year to members, and when members have an opportunity of commenting upon that work, of offering suggestions for the future, of criticising, and even of praising. A Society constituted such as ours is must ultimately depend for the shaping of its policies on the views of its members expressed at meetings such as this, and it is for this reason that I am particularly pleased to see the representative gathering we have here to-day.

I am sorry at the outset this morning to convey very sad information to the members of the Society present. I have just had an intimation that a member of the Council and past-president of the Society passed away yesterday afternoon. I refer to Mr. Sargeant, and I would ask you, out of respect for Mr. Sargeant, to rise.

(Acceding to this request the assembly rose and stood in silence.)

My next duty as president is to move the adoption of the annual report and the statement of accounts. These have been circulated, and I take it that as in

previous years it is your wish that they be taken as read. (Agreed.)

In moving their adoption it is customary for the president to survey the year which has passed. The annual report, of course, covers the calendar year 1929; but there have been since the end of that year happenings of supreme importance for the welfare of pharmacy in this country upon which it will, I feel sure, be your wish that I should have something to say.

### MEMBERSHIP STATISTICS

Omitting for a moment a reference to the Society's finance, I would like to draw your attention to the figure for membership. Once again we are able to record that the year which has closed represents a further record in the number of members; 14,508 is, as the report says, the highest membership in the Society's history. There are many factors which have combined to bring about this increase, but one of the strongest, and the one to which I wish to refer particularly to-day, is the hard work of our branch officials. Through the activities of the branches the Society has ceased to be some unapproachable body buried away in London. It has become something with which every member through his branch is in direct contact. A branch which is vigorous and flourishing cannot fail to attract members. I should like to pay a sincere tribute on behalf of the Council to all the branch officers for the painstaking and assiduous services which they give. They are services too easily overlooked, and I feel sure I am voicing the opinion of all our members when I say that every one of us is under a real debt to those ladies and gentlemen who give up their spare time to work for us as branch secretaries or chairmen, or as holders of other offices.

You will notice that in the same paragraph of the report we have to record an increase in the number of apprentices or students registered of 212 over 1928. This is accounted for by the fact that the number of registrations in 1928 was exceptionally small, owing to the new standard of the Preliminary examination. The problem of the numbers of entrants into our calling is a serious one and one of the importance of which my Council is fully conscious. Setting on one side such debatable matters as the opening of an excessive number of shops and the creation of unemployment among qualified men, we must all be agreed that as a Society we have no right to encourage to come into the calling young men and women to whom we cannot later on offer proper opportunities for advancement. The problem is, of course, bound up with such questions as the standard of our Preliminary examination, the number of apprentices to be permitted in any particular shop, and whether some minimum standard ought not to be laid down for every shop where it is desired that an apprentice should be trained. It is not a problem which can be dealt with without much serious thought and consideration, and I hope that events during the next year will permit of its detailed consideration by the Council and of the formulation of some definite line of policy.

### FINANCE

Turning to the question of finance, it will be seen from the report that the income for the year exceeded that of the previous year by £7,100. Of this amount nearly £5,300 is in respect of examination fees—a rate of increase over the previous year which we can hardly hope to see maintained, and £716 is due to increased membership. The expenditure during the year was £9,300 more than in the previous year. This is chiefly accounted for by an increase of £3,870 in examination expenses, due to the abnormally large number of candidates, and, to a lesser extent, to the overlapping of the



old and the new examination syllabuses. We were again able to transfer £7,500 to the building fund, and still have a small surplus to carry to the accumulated fund.

It will be noticed that in this year's accounts the figures for the previous year have been given for the purpose of comparison, and also that the market value of the stocks on December 31 has been stated in each balance sheet. In regard to this last item, it will be recalled that the prices of stocks at the end of the year were abnormally low, and that there has since been a considerable recovery; so much so that at the present time the market value of the Society's stocks is, in the aggregate, several thousands of pounds more than the book value.

So much for the finances of the Society in 1929; but in order that the Society's financial position may be fully appreciated, it is necessary for me to review it in its wider aspects; that is to say, with due regard to the Society's present commitments and future requirements. The Society is at the moment struggling to carry on its work with efficiency in a group of antiquated buildings providing inadequate accommodation and in many respects ill-adapted to the Society's purposes. Such buildings, moreover, are held on leases which commence to fall in a few years; and can only be renewed on much less favourable terms than those on which they are now held. The Society's future responsibilities are likely to entail more and not less accommodation, so that this problem of accommodation is becoming a very urgent one; and its solution turns on the question of finance. There are the expenses inseparable from the termination of a lease to provide for, but more important still is the question of raising the funds necessary to equip the Society with a modern building of a size adequate to provide for its present and, so far as can be foreseen, its future requirements, of a design specially suited to its needs, and placed on its own freehold site.

It is with this in mind that I again turn to the accounts for the past year. It will be seen from the balance sheet that towards the requirements mentioned the Society can finance itself to a very large extent from its own funds, so that the problem is reduced to the consideration of ways and means of providing the balance of the sum required. In 1929 the Society was enabled to transfer a further £7,500 to the building fund, raising that fund to the sum of £26,300. This amount would not go far towards the total sum required, and if it became necessary to borrow the balance, the capital charges—interest and sinking fund for redemption—would probably not be less than £10,000 per annum. A glance at the general fund income and expenditure account for 1929 will show that the provision of this annual sum at the present time is not possible without the curtailment of some of the Society's activities. On the other hand, it is neither necessary nor possible to wait until the whole sum required has been saved. What does emerge is that in the next few years the Society must make substantial contributions to the building fund as a definite provision for an expense which is as urgent as it is inevitable.

I should like to comment upon the last sentence of the paragraph headed "Legal" in the report, referring to prosecutions which were instituted during the year against four unqualified people who obtained situations by representing themselves to be qualified. In the interests of the public and the holders of our qualification as a body, and of the individual employer who has been victimised in particular, the Council will always take severe action against such impostors. It may be that the four prosecutions that have been undertaken will act as a deterrent, but I would emphasise the necessity for care on the part of an employer when engaging a new assistant, and that at the least the production of the certificate of qualification should be made obligatory.

#### EXAMINATIONS

The year 1929 is an epoch-making year in the history of the progress of the Society's examinations. It is the first year in which the basis of the examinations has been shifted from oral to written. We are perhaps

the poorer by losing some of the distinctive features of an oral examination which no other type of examination can supply, but I believe that on balance it will be found that the candidates will benefit substantially by the introduction of the new system which will enable a standardisation to be achieved which was never completely possible under the old conditions.

The library has frequently been in the past a subject for comment at annual meetings, but I believe that the time of criticism of the library is now definitely past. The Establishment Committee has steadily aimed at adding to the library a selection of the latest works which deal with pharmacy and related subjects, and through our association with a large scientific library we are now in a position to furnish members and student-associates with practically any published book in English upon scientific subjects. The steady increase in the numbers of books taken on loan from the library shows that this new service is used and valued by members. I desire to take this opportunity of expressing the Council's appreciation of the work of our librarian, Miss Mowat, whose careful and assiduous services have done so much towards increasing the popularity and usefulness of our library.

#### BRITISH PHARMACOPOEIA

I next propose to refer briefly to the revision of the British Pharmacopoeia and the revision of the British Pharmaceutical Codex, which is now in progress. The revision of the Pharmacopoeia is, of course, something outside the responsibility of the Pharmaceutical Society, but I am sure that it was with pleasure that members of the Society saw in the published minutes of the autumn session of the General Medical Council that the Pharmacopoeia Commission has now well advanced its work and that several pieces of research which it has instituted and which were carried out in the Society's Research Laboratories are there acknowledged. The revision of the Pharmacopoeia made it necessary to put in hand a revision of the Codex, and the Council has been fortunate in securing as volunteers for this work a number of experienced and representative pharmacists, who have consented to give time and labour freely for a period of many months to this work. No such work as this can be purely theoretical; and, as the annual report records, we have accordingly refitted the Codex Research Laboratory, which now houses two workers, one who is engaged upon work for the Pharmacopoeia and the other upon work for the Codex. This close association has been made possible by an agreement between the two revising bodies, and will undoubtedly prove valuable in relating the two books one to another.

#### PARLIAMENTARY REPRESENTATION

Under the heading of "parliamentary representation" the Council records the varying fortunes of those pharmacists who stood as candidates at the general election. We must not assume that because six of our colleagues were unsuccessful, the time and energy which they gave to the strenuous business of electioneering was wasted. There will be other elections, and these gentlemen have gained something to their credit in party ledgers, and, what is perhaps more important, among their supporters in their own constituencies, which must be a valuable asset when they take the field for the next fight, as I hope many of them will. I, for one, am still an optimist about the future of our pharmaceutical politicians, and I look forward with confidence to the time when two or three of those who were unsuccessful on this occasion may have the not too enviable task of serving their country and their craft in the House of Commons. But we must not forget Mr. Bennett. To have one of our own people in the House of Commons is something of which we may be both proud and thankful, but we are doubly fortunate that that person should be Mr. Bennett. We have known all too little of him in pharmaceutical affairs in the past, but now that he has come prominently before us as a result of his two brilliant fights at Battersea we have learnt something of his abilities. You will all know something of what he has been able to do for us, but I am not



free on an occasion such as this to go into details, but I can assure you that the Society can face the difficult time which it has before it with a great deal more confidence than if it had not the prospect of his guidance and active help. The greater part of the remainder of the report speaks for itself.

I am sorry to say that this morning we have been informed that Mr. Bennett is somewhat seriously ill, and the Council have already passed a vote of sympathy with him. We hope to see him completely recovered within a few weeks.

With regard to the Benevolent Fund, I think something might be done to put it in a better position. As for the War Auxiliary Benevolent Fund, I see the committee are generously spending the fund, and it is in a good cause. In connection with the Benevolent Fund there is one thing which grieves me, and that is the neglect of the special additional fund, which Sir William Glyn-Jones and I began some years ago to assist those who did not quite come within the scope of the fund itself, dependants of chemists and their widows. I have on many occasions found grown-up daughters of chemists, and I have a case in mind of one who is in sore distress. I should like contributions now and again to that special fund.

#### DEPARTMENTAL COMMITTEE'S REPORT

It remains for me to say something to you of the recently published report of the Departmental Committee and of the Bill which accompanies it. At a recent meeting of the Council I expressed the Council's thanks to the three representatives who served upon that Committee for their work. I should like to take this opportunity of again doing so on behalf of the Society's members as a whole. The Report and the Bill, in the form in which they have been made public, may seem a small result of three years' labours; but the more they are both studied in detail, the more one becomes conscious of the amount of detailed work which must have been involved in their preparation. In that work we may be certain that the three pharmacists took their full share, and for that alone they deserve our sincere thanks. All of us have read the report and the Bill, I hope.

If there are any here to-day, or any who may read my remarks, who have not done so, may I once again urge them to obtain a copy from the Stationery Office and to study it with care? There is one general aspect of the Committee's work which will, I believe, be apparent when I mention it to you, but to which too little attention has, in my opinion, been directed so far. Perhaps I can best explain it in this way. There are many recommendations of the Committee and many provisions in the Bill which we do not like, but let us try to imagine what sort of report and what sort of Bill we should have had if it had not been for the work of the three pharmacists. If you will study the constitution of the Committee on page 1 of the report and regard its recommendations in that light, you will, I think, begin to realise the difficulties with which our representatives were faced at the outset, and be able to estimate perhaps with a different set of values what they achieved.

I do not propose to allow myself to be drawn into controversies of pharmaceutical politics on an occasion such as this, but there is one remark which I must make in view of what I have to say later. It is this: I believe it to have been somewhat unfortunate that the publication of the report should have preceded a Council election, and that its contents should thereby have been brought into the electioneering arena. I believe that the proposals of the Committee are of such fundamental importance to the future of our Society and of our craft that they are lifted right outside the area of election addresses and vote-catching. Surely there can be only one policy for pharmacy—to take hold of this Bill and by every legitimate means so to alter it as to make it a measure to which we can give our whole-hearted support. That policy is a policy for pharmacy as a whole, a policy for the Society as a united body to pursue in the closest consultation with all those other bodies whose interests are in the main similar

with ours. Unity is essential, and I do not believe our cause has been helped by the vehement underlining of those many details of the Bill which we all recognise as being in need of amendment.

There may have been some, perhaps many, of you who were disappointed because, when the report was published, the Council did not come forward with some spectacular programme. It would indeed have been easy to have done so, but that is no way to achieve things of lasting value. The Council's first task following the publication of the report was its careful and detailed study. They then formed their Committee and met informally representatives of all those other interests upon whose vigorous support we are relying. On that occasion we had the advantage of the presence of Mr. Gamble, Mr. Neathercoat and Mr. Young; and we there found, as we anticipated, a general agreement and readiness to give every support to the Council. The Council's next duty will be to submit to our branch delegates at Cardiff their main proposals for amending the Bill. When the delegates' views on these points are known, the patient detailed work will have to begin, and I am hoping that in the autumn the Council will find themselves ready with their detailed proposals.

There is, I think, little more that I can usefully say now. I can assure you, if indeed you need any assurance, that your Council is fully alive to the enormous potentialities for good and for bad which are contained in the draft Bill. There are many amendments we want to see made, and many things not in the Bill which we want to see there. It will be the object of the Council to secure that what energy, application and perseverance can achieve shall be achieved. This is not a work which the Council of the Society can do alone: every member must take his part, first by studying the report and the Bill, secondly by giving us the benefit of his opinions and advice, and thirdly by his active and whole-hearted support. Now, as perhaps never before in its history, the whole pharmaceutical profession must be united.

I have now a pleasant duty to perform, and that is to refer to the work of the staff during the year. As president I have been in closer touch with the Society's staff than ever before, and now, perhaps, I know more about them than anyone else on the Council, and from the secretary to the youngest typist in the office I have had every support that could be given to me during the past year.—(Hear, hear.) Sometimes in going about the country I have heard it said that our secretary is a very young man. He is a young man, but he is already making good, and he is going a very long way.—(Hear, hear, and applause.) I have found him of great help to me in the past year, which has been one of the most difficult in our history. We have had to carry through big things. The examination system of the Society has had to be reconstructed, and the machinery here has had to be recast. And although it may not be quite perfect, it is wonderfully perfect considering the difficulties the office staff has had to contend with during the year.—(Hear, hear.) In the finance department Mr. Morris has done work that is a credit to any official; he has been a very fortunate find for the Council, and I am very glad that his health is being restored.—(Applause.) I cannot mention all the staff by name, but I do wish to pay the highest compliment I possibly can to them for the assistance they have given to me during the year.—(Applause.)

I now formally move that the annual report and statement of accounts be adopted.

The VICE-PRESIDENT formally seconded the resolution.

#### Discussion

Mr. ROBINSON (Liverpool) said it had been his privilege to attend the annual meetings of the Society for a large number of years. They had never met on a more important occasion in their pharmaceutical career, and he could go back for forty-five years. Mr. Robinson caused some amusement by pointing out that on the voting paper for the Council election the space for the cross had been put on the left-hand side, and urged that in future the papers should have the space



on the right-hand side. Mr. Robinson next referred to a visit paid by the president to the Board of Customs and Excise, and suggested that for one man to go was to create anything but a good impression. He favoured a more numerous deputation, which would have a better effect in dealing with Government departments. He did not know what good, if any, was done, for the whole matter was dealt with as a "hush, hush" affair. (Laughter.) Mr. Robinson then mentioned that they in Liverpool had been thrown into a state of panic by a visit from a Home Office official in connection with Part II of the Poisons Schedule. He wrote to Bloomsbury Square and got a reply, which was "Private and Confidential." This said nothing could be done, and urged him to prepare for the worst, for there was more to come. (Laughter.) Liverpool, he proceeded, was the home of trouble; whenever anything went wrong it started at Liverpool. Mr. Robinson declared that the country was dead against any increase in the subscription, and if the Council thought they were going to get more money out of the members without something in return they might as well shut the shop up. (Applause.)

Mr. HIRST (Scarborough) suggested that an increased attendance at the annual meeting might be secured if it were held at the same time as the Chemists' Exhibition. He also pointed out that members whose businesses were at the seaside could not get away for the Conference at Cardiff in July, which was in their busy season, and he thought it would be a good thing if a special delegate meeting could be held in London later in the year. Referring to student-associates, he declared that if members were getting nothing for their subscriptions student-associates were getting even less. As a branch secretary he found it very difficult to get student-associates to pay. He could not understand why there were so many failures in botany. There must be some reason for it; either the candidates were badly prepared for the examinations or the examiners were taking too high a standard.

Mr. ROBERTS (Leeds) suggested that the names "hydrochloric acid" and "sulphuric acid" in Section 5 of the Poisons and Pharmacy Act, 1908, should be officially expanded by the addition of the respective synonyms commonly used by the public.

Mr. MILNER (London, S.E.) expressed appreciation of what the Council had done in difficult circumstances. He had read the proposed Bill, but he could not say he understood it. The origin of company pharmacy was due to the omission of one letter from one word, and at the present time it was possible for a chimney sweep to go alongside his (the speaker's) pharmacy and to put up "Pharmacy" and carry on business. Reading through the Bill he could see nothing to lead him to think such a thing could not happen in the future, unless something was done. He hoped the Council would not lose sight of that matter.

Mr. MCNEAL (Amersham) said he did not agree with the president that it was a pity the proposed Bill had been brought into the election. If the Conference at Cardiff were representative of every chemist in the country, he would have been quite prepared to leave the matter for that assembly. What was the average attendance at branches, he asked, and did they express the opinion of the chemists in their districts? If they did, delegates to the Conference would be quite entitled to act. What was the Conference going to do about the Bill? He suggested that all that would be done would be to put the responsibility on somebody else's shoulders. Delegates from branches only represented a very small fraction of the chemists of the country, and he suggested that the Council could give a lead on important questions by sending out to the branches matters for them to debate. Each branch now worked as a separate entity, but if they were asked to discuss important questions the Council would then have some material on which to base their actions. Referring to the Ex-Service Pharmacists' Association, he said that for two years there had been complete silence regarding it, and he would like to know what had happened. Mr. McNeal said he had noticed that the circulars sent out by the retiring candidates were addressed by an addressograph. He would like to know what each candidate paid

the Society for the service, which should be available for the use of any candidate. In concluding, Mr. McNeal paid a tribute to Mr. Gilmour's editing of "The Pharmaceutical Journal," and inquired why the Council's evidence before the Departmental Committee was not published sooner.

THE PRESIDENT, replying to the points raised, recalled that he would probably not be in the position he was but for Mr. John H. Robinson, who had urged him to seek election to the Council. With regard to the latter's criticism of the voting paper, it should be considered before another election. He was not quite sure that a deputation would have been as well received as were the secretary and himself by the Board of Customs and Excise, and he was not giving up hope regarding the difficult question involved, and the injustice caused to chemists by the present position taken up by the Board. When the time came, action would be taken by the Council in a proper way. As for the question of what a member got for his 30s. subscription, one of the advantages they received was that of attending the annual meeting and hearing Mr. Robinson, which was worth the money. (Laughter.) Mr. Hirst had suggested that the annual meeting of the Society should be held at the same time as the Chemists' Exhibition. The meeting, however, was more or less fixed. With regard to the date of the Conference, he did not know of any time that could be selected which would not be inconvenient for some section of pharmacy. But he would not be surprised if after the Cardiff Conference another delegates' meeting was held later in London. He was almost sure it would be. On the matter of student-associates he was in sympathy with what Mr. Hirst had said, and he thought the Council would consider how the relationship between the student-associates and the Society could be improved. Touching on the failures in botany, the President said he had kept careful observation on examiners and candidates in trying to discover where the fault lay. He had to admit that his sympathy was with the examiners, who, if anything, erred on the side of generosity. This brought him to the conclusion that botany in many schools in this country was not taught on modern lines. It was a much simpler subject now than formerly. The Council were of opinion that botany was not properly taught in the schools, and they were taking steps as far as they could to have it remedied. Mr. Milner had struck a new note by expressing appreciation of the Council, a thing which was seldom heard at the annual meetings. With reference to the title "pharmacy" under the proposed Bill, he thought he could assure members that if the measure was passed the title pharmacy would be protected. Mr. McNeal had dealt with branches, and claimed that they did not represent every pharmacist who was a member of the Society. Maybe not, but what other local organisation could claim to do that? Yet later on Mr. McNeal had referred to discussions at branch meetings, and had asked why they should not discuss every subject. This rather implied that he thought a great deal more of the branches when it suited him than he claimed at the beginning. He (the president) did not know any better system of getting local opinion than through the branches. He reminded Mr. McNeal that parliamentary bills were not based on national referendums. They were a matter of amending, negotiating and inside work, and he was not quite sure that the best way of discussing the proposed Bill would not be in private meetings of chemists where one could talk with freedom. Mr. McNeal had raised the point as to why all the members of the Society did not vote at elections. He believed that on this occasion there had been a larger poll than ever before, and he did not know of any public body where a larger percentage of members took part in the election than was the case with the Pharmaceutical Society. With regard to the Ex-Service League, it had been doing a lot of good work by means of its executive in recent years, but he promised Mr. McNeal to see if it could be made active again. Mr. McNeal had inferred that some advantage had been given to members of the Council through the Council's machinery at election time. That was not so, and exactly the same service



was available to anyone who would pay for it, for the work was carried out by printers who were quite independent of the Society. As to the criticism that the report of the Council's evidence was not published sooner, it would be quite understood that some time must elapse before the committees could meet and the Council decide what steps they were going to take. He agreed that it might have been to the benefit of the Council if the evidence had been published earlier.

The report was adopted unanimously.

#### SCRUTINEERS

On the motion of the PRESIDENT, several persons were appointed to act as scrutineers to examine the ballot papers in the Council election.

#### AUDITORS

It was proposed, seconded and adopted that the following be appointed auditors:—Messrs. C. A. Hill, J. S. Hills, T. E. Lescher, E. J. Millard, E. A. Umney.

#### REGISTERS

The PRESIDENT called attention to the fact that the Registers were available for inspection.

The meeting was then adjourned for the purpose of counting the votes.

### Council Election Result

The counting of the votes was finished shortly before 7 o'clock.

The PRESIDENT, on taking the chair, called on Mr. F. Bascombe (chairman of the scrutineers) to announce the result of the election. The number of voting papers returned was 7,022 out of 13,225 issued, and the number effective, after deducting 78 invalid and 15 late ones, was 6,929. The votes were given as follows:—

Neathercoat, E. T.	...	...	4,184
Guthrie, T.	...	...	4,119
Sargeant, F. P.	...	...	4,070
Jack J.	...	...	3,973
Hardy, T.	...	...	3,842
Keall, J.	...	...	3,585
Deacon, W.	...	...	3,203

Freke, A.	...	...	2,845
Barrs, P.	...	...	2,651
McNeal, J. F.	...	...	2,034
Miller, T. C.	...	...	1,917
Heathfield, H. G.	...	...	1,740
Lees, W. D.	...	...	1,738
Mayson, W. L.	...	...	1,665
Matthews, A. D.	...	...	1,480
Padget, W. H.	...	...	1,353

The PRESIDENT read the names of the members of the Council as newly constituted, and moved a vote of thanks to the scrutineers, which was seconded by the VICE-PRESIDENT. Mr. BASCOMBE replied, and the proceedings terminated with a resolution of thanks to the president, proposed by the VICE-PRESIDENT, and seconded by Mr. SKINNER.

### Council Meeting

The usual meeting of the Council was held at 16 Bloomsbury Square prior to the annual meeting of the Society, the president in the chair. Certain elections and restorations to membership took place. The Council then went into committee for the purpose of arranging the business of the annual meeting.

### Examination Results

At the Pharmaceutical Chemist Qualifying examination, held in London in April, fourteen candidates entered, of whom the following seven passed:—Walter Boole, Herbert Gartside, Ronald William Gillham, Kenneth Edmund Jenkins, Wilfrid Charles Lawrence, Muriel Constance Leather, Benjamin Joseph Wesley Turnock.

### Branch Meetings

**Colchester.**—A meeting of the Colchester and District Branch was held on May 14, Mr. A. W. Nunn in the chair. In the course of his opening address the chairman spoke of the importance of a sound preliminary education for students taking up pharmacy as a career. He emphasised the advantage of taking the London University Matriculation examination. The chairman called upon Mr. A. P. Wilson, F.C.S., headmaster of the Colchester Technical College, to present the prizes gained by the pharmaceutical students at evening classes. Mr. Wilson gave a short *résumé* of the winter's work and made special reference to that done by Mr. Nunn. Prizes in the senior section were awarded to Messrs. Howlett and Cole, and in the junior section to Messrs. Hunt and Fairhead. It was unanimously agreed to send a further donation of £2 2s. for the purchase of prizes for the session 1930-31.

**Leeds.**—A meeting of the Leeds and District Branch of the Pharmaceutical Society took place on May 1, Mr. J. Judge (Wakefield) in the chair. An address was delivered by Mr. F. Pilkington Sargeant (member of the Society's Council) on "Current Pharmaceutical Topics." Mr. Sargeant said there was much important work for the Society and for the craft at the present time. Mr. Sargeant felt that the circumstances of pharmacy demanded that the number of apprentices should be reduced. Speaking on the report of the Departmental Committee on the Poisons and Pharmacy Acts, Mr. Sargeant said it was under very close scrutiny by a joint committee of the Society and the Retail Pharmacists' Union, and a detailed statement on the matter would be issued to the craft very shortly. Coincident with the issue of the Departmental Committee's report on the Poisons and Pharmacy Acts, the British Medical Association had issued a report suggesting a scheme of State medical service, which, he thought, was designed to eliminate the pharmacist. It was a matter which must be watched by the organisations of pharmacy. Referring again to the report of the Departmental Committee, Mr. Sargeant said they would all be glad for the Society to be able to claim that it represented the whole of the registered chemists, but he, personally, felt that the knowledge that membership was compulsory would detract from the value of the membership strength in the eyes of Government or other parties with whom the Society might be in negotiation. Opening the discussion, Mr. G. C. Crummack said the Leeds Branch favoured one apprentice being allowed to one qualified chemist for the term of his apprenticeship, but it was suggested that an overlap of a year might be permitted in any cases where this limitation was hard on a one-pharmacist shop. With reference to Section 8, stating that the pharmacist in the branch shop may be either manager or assistant, Mr. Crummack thought it ought to be obligatory that the pharmacist in the place should be the manager. Mrs. Shaw said she did not quite see the objective of the limitation of apprentices, and saw no reason for restriction of numbers in a shop if there was work enough for more. Mr. Sargeant said it was by no means solely a financial matter, but a question of providing sufficient opportunity of work. Mr. J. Lancaster noted that Mr. Sargeant favoured the annual registration fee, but he (Mr. Lancaster) was not sure that pharmacists would entirely welcome it. Mr. J. F. Simon said he entirely agreed that the man in charge of the manufacture of pharmaceutical preparations should be a pharmacist. Mr. Long expressed surprise that Mr. Sargeant had not favoured compulsory membership of the Society. He had always felt that that lack of compulsion, and therefore of full representation of the whole craft, was a weakness in the Society's negotiations. Mr. Brims suggested that if pharmacists were going to be put under a lot of new requirements and control they ought at least to be assured of the sole right and responsibility for all pharmaceutical products. Mr. M. A. Murray remarked that pharmacy had such exclusive rights in some countries, and Mr. Sargeant added that in those countries the pharmacists were under closer regulation and restrictions than in Great Britain.



# Organic Tin Compounds

By J. G. F. Druce, M.Sc. (Lond.), R.Nat. Dr. (Prague), F.I.C.

ORGANO-METALLIC compounds of mercury, arsenic, antimony, and other metals have long found uses in therapeutics, and it is now announced that certain organic tin compounds, analogous to chloroform, can be applied for the cure of certain skin diseases. Reports suggest that the results so far obtained are very encouraging. Some authorities have always looked askance at the preservation of foodstuffs in containers of tin-coated steel. The late Otto Hohner, the distinguished analyst, found traces of the metal in all foods preserved in "tin" cans, but few, if any, fatal cases of direct poisoning by tin salts are known. Some instances of tin poisoning through consuming tinned meat or fruit have, however, been recorded. Tin foil has found an ever-extending use for the collapsible tubes containing creams and tooth-pastes and toilet, and no harm has resulted.

Owing to its position among the congeners of carbon in the fourth group of the periodic classification of the elements tin shows analogies with that element, and forms many carbon-containing derivatives. These are numerous enough to be classified into homologous series, beginning with the stannanes (e.g., tin tetramethyl,  $\text{Sn}(\text{CH}_3)_4$ ), analogous with the hydrocarbons. The mono- di- and tri-halogen substitution products of these are known, and it is the tri-halogen compounds which supply the stanniflours analogous to chloroform, and which possess germicidal action. Other homologous series such as the stannonic acids (e.g., methyl stannonic acid,  $\text{CH}_3\text{SnOOH}$ ), are known as well as the oxides or stannones corresponding with the ketones (e.g.  $\text{CH}_3\text{SnOCH}_3$ ). The tri-halogen compounds (e.g., methyl tin tribromide,  $\text{CH}_3\text{SnBr}_3$ ), may be conveniently prepared by dissolving the very weak stannonic acids in the halogen hydrides,  $\text{CH}_3\text{SnOOH} + 3 \text{HBr} = \text{CH}_3\text{SnBr}_3 + 2 \text{H}_2\text{O}$ .

## PREPARATION OF STANNOLS

Another series of compounds characterised by a pronounced and unpleasant odour may be obtained from the stannonic acids by distillation with caustic alkalis. These are the stannols, a class of basic compounds whose formation may be represented:  $3 \text{CH}_3\text{SnOOH} + 4 \text{KOH} = (\text{CH}_3)_3\text{SnOH} + 2 \text{K}_2\text{SnO}_3 + 3 \text{H}_2\text{O}$ . The stannols dissolve in acids to yield compounds, such as  $(\text{CH}_3)_3\text{SnBr}$ , trimethyl tin bromide, and which are mono-halogen derivatives of the stannanes. Thus it will be seen that the stannonic acids are important starting materials for the preparation of several series of organic compounds of tin. Methyl stannonic acid is prepared by the interaction of alcoholic methyl iodide and potassium hydrogen stannite obtained by adding excess of alkali to stannous chloride:  $\text{CH}_3\text{I} + \text{KHSnO}_2 + \text{KOH} = \text{CH}_3\text{SnOOK} + \text{KI} + \text{H}_2\text{O}$ . The free acid is obtained by passing in carbon dioxide or by just neutralising the solution with hydrochloric acid. When filtered off and dried it is a white infusible solid, which decomposes on heating to give a variety of products, namely, both stannous and stannic oxides, methane and methyl alcohol. When it is dissolved in hydrochloric acid methyl tin trichloride,  $\text{CH}_3\text{SnCl}_3$ , is obtained as colourless deliquescent crystals, melting at  $40^\circ\text{C}$ ., after recrystallising from petroleum ether. Methyl tin tribromide is similarly obtained (m.p.  $52^\circ\text{C}$ .) by dissolving methyl stannonic acid in 48-per-cent. hydrobromic acid and extracting the product with petroleum ether or other organic solvent. The tri-iodide is not made pure so readily by this means, but it can be obtained in the same way as its homologues, and also by the action of stannic iodide on tin tetramethyl. It crystallises in the form of long, flat, yellow needles or prisms, m.p.  $82^\circ\text{C}$ . Ethyl tin trichloride and tribromide are known, but the tri-iodide does not seem to have been prepared.

AMERICAN MERCURY.—The New Idria Quicksilver Mines, Inc., produced 3,565 flasks of mercury in 1929, compared with 3,550 flasks in 1928.

# Insurance Act Dispensing

Record of matters concerning Chemists' Interests in the National Health Insurance Acts.

## Local Reports

### ENGLAND AND WALES

**Carnarvonshire.**—At a recent meeting of the Insurance Committee attention was drawn to the cost of prescriptions. A statement was submitted showing the relative cost of prescriptions in various counties in Wales. The fact that so many non-residents received treatment in the county was regarded as the leading contributory cause of the high cost, but the high frequency rate was also considered to be partly responsible. Medical practitioners were being asked by the Committee to exercise more care in the future regarding prescriptions.

**London.**—The monthly meeting of the Insurance Committee was held recently. The Finance Subcommittee recommended the payment of accounts amounting to £22,794. The accounts were passed. The Medical Benefit Subcommittee submitted the following particulars referring to prescriptions dispensed during the year 1929:—Total number of prescriptions, 8,940,870; cost of ingredients, £129,129 1s.; dispensing fees, £165,782 13s. 10d.; average ingredient cost, 3.47d.; average dispensing fee cost, 4.45d. For the year 1930 the Distribution Committee have recommended that during the first six months payments to chemists in respect of the ingredient costs should be made in full, and an advance on account of dispensing fees at the rate of 95 per cent. Ten cases of complaints against chemists were investigated.

**Middlesex.**—The bi-monthly meeting of the Insurance Committee was held recently. The Finance and General Purposes Subcommittee recommended the payment of accounts amounting to £56,960 13s. The accounts were passed. The Subcommittee also reported that they had received a letter from the Ministry of Health, stating that the amount of the chemists' central fund for the year 1929 is sufficient to enable payment to be made in full of ingredient costs and dispensing fees. The Subcommittee further reported the receipt of a letter from the Joint Committee for Pricing Prescriptions (South-Eastern Division), requesting the assistance of the Subcommittee in the matter of prescribing from the National Formulary. Difficulty was experienced in pricing from the two Formularies. The communication suggested that the doctors in the area might be informed that after a certain date the Middlesex Formulary would no longer be regarded as a standard work of reference, and that doctors should be requested when ordering mixtures from the Middlesex Formulary to write out the prescriptions in full. The Panel Committee wrote, requesting that practitioners be allowed to use this Formulary, provided they add to the name of the formula the words "Mx., 1926," until the revised edition of the National Formulary is published.

### SCOTLAND

**Edinburgh.**—At the monthly meeting of the Insurance Committee it was stated that the number of prescriptions issued by doctors on the Committee's list during the year 1929 totalled 267,301, and that the cost was £15,661 4s. 10d. Compared with the year 1928, the number of forms had risen by 27,027, and the cost had increased by £1,327.

**Selkirkshire.**—The report of the Insurance Committee for the past year shows the total number of insured persons on the register to be 10,696, an increase of ninety-six on the year. The total number of prescriptions dispensed was 13,126, the total cost being £713 17s.

**Stirling.**—At a meeting of the Stirling County Insurance Committee on April 3 it was stated that the total receipts for the year were £23,640 and total payments £23,416.



## Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

28 Essex Street, W.C.2, May 22

BUSINESS in pharmaceutical chemicals continues poor, with a tendency to cut prices in order to effect sales. Citric and tartaric acids and cream of tartar are all easier. Barbitone is irregular. In the essential oil group both star anise and cassia have been in fair demand, and the former is higher, with limited spot stocks. Japanese dementholised peppermint is slow of sale and easier. Lemon is quiet, while bergamot and orange are unchanged. Among the industrial chemicals, severe competition has led to easier rates for several items, including formaldehyde, lead acetate and potassium chlorate. In the fixed oils group, markets continue slow, but values in most instances are maintained. Linseed shows some recovery on the week, and turpentine is easier; palm kernel is steadier, and English castor is lower. Benzols and solvent naphthas are cheaper. Some grades of lubricating oils are easier.

Higher	Firmer	Easier	Lower
Anise (star) oil	Citronella oil (Java) Fenugreek seed (spot) Geranium oil (Bourbon)	Barbitone Citric acid Cream of tartar Formaldehyde Galls (Ch.) Gum acacia Honey Lead acetate Menthhol Peppermint oil (Amer.) Potash chlorate Senna (Tiv.) Tartaric acid Turpentine Wax, paraffin scale	Benzoin (Sum.) Benzol Castor oil (Eng.) Cod-liver oil (Norw.) Ipecacuanha (M.G.) Naphthas (solvent) Rubber Wax, veget. (Jp.) Wood oil
	Steadier		
	Palm kernel oil		

### Cablegram

BERGEN, May 21.—The catch of cod since the opening of the season now amounts to 53,644,000, against 70,604,000 at the same date last year. The yield of steam-refined cod-liver oil is 76,665 hectol., against 84,471 hectol., at the same date last year. The market is quiet.

### Crude Drugs, etc.

ANTIMONY has been quiet for Chinese regulus, which, however, has been steadily held on the spot at around £28 5s. Rather more interest has been shown in forward business on the concessions which have been made down to about £25 c.i.f. English regulus is selling in small lots, with high-grade at £46 to £46 10s., and good ordinary brands range from about £44 down to £40. Chinese crude on the spot is nominal at £23 10s. There is only little inquiry for Chinese white oxide, worth about £31 per ton.

CADMIUM.—The demand lately has been somewhat quieter, but the current liberal imports are being fairly well absorbed. Spot prices range from 3s. 9d. to 3s. 10d. per lb., with contracts for good-sized orders arrangeable for near arrival at a concession on those figures.

CAMPOR (REFINED).—Japanese is quiet, with 2½-lb. slabs offering at 2s. 4½d. per lb., flowers at 2s. 6d., and ¼-oz. tablets at 2s. 10d. per lb.

CINCHONA.—The production of cinchona bark for the entire Netherlands East Indies during 1929 is now estimated at 10,569,995 kilos, divided 9,373,996 kilos and 1,196,000 kilos between Java and Sumatra, respectively. The estimates are based on returns from 98 estates growing cinchona.

CLOVES.—Zanzibar are firmer at 11½d. to 1s. per lb. on the spot. Sales for shipment comprise May-July at 11½d. to 1s. to 11½d. per lb. c.i.f.

The landings in London of Zanzibar during the week ended May 17 were nil and the deliveries 138, leaving a stock of 1,242, against 2,243 in 1929 and 11,712 bales in 1928. The landings in London from January 1 to May 3 have been 4,305, against 3,970 in 1929, and the deliveries 4,061, against 4,226 in 1929.

COD-LIVER OIL.—A Bergen advice dated May 14 states that the result for Finmarken is still very poor, and as fishing will be finished within a month it is probable that the total output will not reach the production of last year. Market remains quiet and easier, with offers of finest new non-freezing steam-refined offering at from 104s. to 108s. per barrel c.i.f.

CORN PRODUCTS, ETC.—Guaranteed water-white English glucose (corn syrup) is 21s. per cwt. for May-August delivery ex works; American guaranteed water-white is also 21s. net for May-August delivery ex store, London. Dutch maize starch powder (cornflour) is 12s. per cwt. on the spot; American for May-August delivery is 12s. 3d. ex store, London. Pearl starch for May-August delivery is 11s. 9d. per cwt. ex store, London. Dutch maize starch crystals is 18s. on the spot, and American for May-August is 16s. per cwt. ex store, London. Dutch dextrin is quoted at 21s. to 25s. 6d. per cwt. on the spot as to quality. American canary for May-August delivery is 18s. 4½d.; white is 18s. 1½d. per cwt. net, ex store, London, for May-August delivery. Dutch farina is 10s. 6d. per cwt. on the spot and 8s. 9d. f.o.b. for prompt shipment, while new crop is 9s. Polish is 9s. per cwt. c.i.f. London.

GALLS.—Chinese are easier, ordinary shape offering at 71s. per cwt. c.i.f. for May-June shipment.

GUM ACACIA is quiet and easier. Kordofan cleaned is quoted on the spot at 72s. 6d. and natural at 70s.; to arrive, cleaned, for May-June shipment is 63s. 6d. c.i.f. Talha is 40s. spot and 30s. c.i.f. for May-June shipment.

MAGNESIUM is very well maintained, with a fairly regular business reported by home makers on the basis of 2s. 10d. up to 3s. 3d. for small sticks and bars, while ribbon is quoted at 13s. to 15s., wire at 10s. 6d. to 12s. 6d., and powder at 5s. 6d. to 7s. 6d. per lb. according to quantity and quality.

MENTHOL is slightly easier at from 15s. 4½d. to 15s. 7½d. per lb. on the spot, according to brand, and for shipment from 15s. 3d. to 15s. 6d. per lb. c.i.f. is quoted.

MERCURY.—The course of the market continues quite colourless, with little interest on the part of consumers, while orders for several weeks' past have been confined to small lots on the spot. Certain merchant interests are quoting £22 net, and would possibly take slightly less for small lots ex warehouse. So far as can be gathered, the surplus stocks available on this side are comparatively small, but ample enough under present lifeless conditions. The terms of the Combine have been maintained as before, being for spot lots £22 5s. to £22 2s. 6d. net according to quantity, and the f.o.b. quotation for shipment is retained at £21 15s. per bottle. U.K. imports for April were 1,320 bottles, against 491 bottles for March, and only 370 bottles for April last year.

PEPPER has been quiet and easier. Singapore is 11d. per lb. on the spot, with May-June and/or July shipment at 9½d. c.i.f. Lampong is 10½d. spot; to arrive, 9½d.; May-July shipment has been sold at 9½d. to 9½d., August-October at 8½d. to 8½d. Tellicherry is 11½d. spot and Alleppy 11d. spot. White Muntok is lower at 1s. 0½d. per lb. on the spot. Sales include April-June at 1s. 0½d., March-May at 11½d., August-October at 11½d. to 11½d. c.i.f.

PIMENTO is dearer at 7d. per lb. spot. To arrive, sales include July-August shipment at 52s. 6d. c.i.f., but on Wednesday 64s. c.i.f. was paid.

RUBBER is again easier and has dropped a further ¼d. per lb. on the week, spot having eased to 6½d. per lb. At the close the market was slightly steadier, but the demand was poor. According to the latest cabled advices the shipments for the first half of this month are estimated at 26,000 tons, and for the whole month 45,000 tons. It should be noted that the cessation in tapping during the present month will not show any effect in the shipments from origin until July. Stocks continue to accumulate, and arrivals last week totalled 2,427 tons, whilst deliveries were 1,613 tons, showing a further increase in the stocks of 814 tons. The London stock now stands at 76,932 tons, against 30,955 tons at the corresponding period last year. The Liverpool stock now stands at 24,448 tons. Briefly, the total stock in the U.K. has now reached 101,380 tons. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot and May,



6½d.; June, 6½d.; July-September, 7d.; October-December, 7½d. per lb.

**SEEDS.**—ANISE.—Spanish is 60s. and Russian 31s. per cwt. on the spot. CANARY.—Mazagan on spot is 27s. 6d., Tangier on spot is quiet at 26s. 6d., and Morocco (f.a.q. 4 per cent.) is slow at 25s. 6d. per cwt. CUMIN.—Malta is 67s. 6d. for sifted and f.a.q. 65s. spot. Morocco remains at 57s. 6d., and for prompt shipment 56s. c.i.f. is wanted. FENUGREEK.—Stocks are very small on the spot and the price is 17s. 6d. to 18s. 6d. per cwt. The c.i.f. price is 15s. 6d. CORIANDER on the spot is 7s. 6d. About 800 bags have been sold this week. MUSTARD.—English is 25s. 6d. to 30s. per cwt. according to quality. DILL SEED is quiet at 21s. 6d. spot. CARAWAY.—Dutch is still offered at 37s. 6d. spot. N'YOUTI SEED on spot is quoted at 11s. per cwt.

SHELLAC is quiet and dull, with the spot price of usual standard orange TN at 127s. 6d. per cwt.; fine orange is 150s. to 255s., pure button 155s., and AC cakey 140s. To arrive, sales of May-June have been made at 115s. 6d. c.i.f. Sales for delivery include August at 124s. to 121s., and October at 125s. 6d., closing sellers at 128s.

WAX (VEGETABLE).—Japanese is cheaper at 72s. per cwt. on the spot, and for shipment 61s. c.i.f. is quoted. Fatty grey Carnauba is 102s. 6d., and chalky grey 100s. per cwt. on the spot. To arrive, fatty grey is 93s. 6d. c.i.f., and chalky 92s. 6d. c.i.f. Primeira is 145s. spot and 124s. c.i.f. Mediana is 115s. c.i.f.

### Essential Oils

DEMAND generally has only been fair. Anise has advanced in price owing to inquiry on short spot stocks. Cassia is unchanged. Java citronella is dearer and Ceylon is firm and steady. Geranium Bourbon is higher; Algerian is firm. Sicilian citrus oils are steadier to arrive, though on the spot there is still a range of prices for lemon. American peppermint is easier and Japan dementholised quiet.

ANISE (STAR) has been in fair demand, and owing to the small spot stocks up to 4s. 6d. per lb. has been paid for cases of leads, and 4s. 9d. is now asked, and for tins in cases, up to 4s. 4½d. has been paid, with 4s. 6d. now asked. Nothing is offered to come forward.

BAY is quoted on the spot at from 7s. to 7s. 6d. per lb. according to test.

BERGAMOT is without inquiry at 10s. per lb. c.i.f. and 10s. 3d. per lb. on the spot.

BOIS DE ROSE is unchanged at 3s. 6d. per lb. spot for Brazil, and 5s. 8d. per lb. spot for Cayenne.

CASSIA has been in fair demand and is unchanged at from 3s. 10½d. to 4s. per lb. on the spot, and at 3s. 4d. c.i.f. to arrive.

CITRONELLA.—Java is firmer at 2s. 4½d. per lb. c.i.f. to arrive, and on the spot 2s. 5d. per lb. is quoted. Ceylon is steady at from 2s. 1½d. to 2s. 2d. per lb. c.i.f. and 2s. 4d. per lb. spot.

GERANIUM.—Bourbon is firm at 18s. per lb. on the spot and 17s. 3d. per lb. c.i.f. Algerian is slightly dearer at 17s. 3d. per lb. spot.

LAVENDER is unchanged on the spot at from 10s. 6d. to 11s. per lb.

LEMON is quiet. Hand-pressed to arrive is quoted at from 5s. 2d. to 5s. 6d. per lb. c.i.f., and on the spot from 5s. 4½d. to 5s. 7½d. is quoted. Machine-made is offered at from 4s. 10½d. to 5s. 1½d. c.i.f. and at from 5s. to 5s. 3d. on the spot. Prices are still irregular and some dealers are quoting below 5s. for both qualities.

MANDARIN.—Prices range from 14s. 9d. to 16s. per lb. spot according to brand and seller.

ORANGE.—Sicilian sweet and bitter are still steady at 9s. 6d. per lb. c.i.f. and 10s. per lb. spot.

PEPPERMINT.—Japanese dementholised is quiet at from 5s. to 5s. 1½d. per lb. on the spot according to brand, and to arrive from 5s. 2d. to 5s. 6d. c.i.f. is quoted. American natural oil is inclined to be easier, and cases on the spot are quoted at from 12s. 9d. to 12s. 10d. per lb.; to arrive at 12s. 7d. per lb. c.i.f. and upwards according to brand.

SPEARMINT.—For good branded oil 19s. to 19s. 6d. per lb. c.i.f. is quoted.

WORMSEED (CHENOPODIUM) is quoted at about 13s. per lb. spot and at from 11s. 9d. to 12s. per lb. c.i.f.

The following arrivals have taken place from the countries indicated during the period May 14 to May 20 (inclusive): Almond (Fr.) 5 cs.; bay (Jam.) 2 cs., (Jap.) 7 cs.; bergamot (It.) 2 cs.; cassia (Ch.) 5 cs.; cedarwood (U.S.) 5 dm.; citronella (Cey.) 15 dm., (Fr.) 3 dm.;

geranium (Alg.) 10 dm.; grape fruit (Dut. Poss.) 1 cs.; lavender (Fr.) 8 dm., (U.S.) 5 cs.; lemon (It.) 135 cs., (Fr.) 3 cs.; lime (B.W.I.) 1 dm. 9 cs., (other B.W.I. Is.) 4 cs.; mandarin (It.) 1 cs.; orange (Jam.) 10 cs., (It.) 12 cs.; patchouli (Ger.) 12 cs.; peppermint (Jap.) 155 cs., (U.S.) 10 cs.; pine (Ger.) 3 dm.; undescribed (Fr.) 1 cs.

### Pharmaceutical Chemicals, etc.

THE seasonable products, citric and tartaric acids and cream of tartar are all again easier, with the markets still weak. Quoted prices are otherwise unchanged, but there is a general tendency to cut prices to effect sales. Business has been poor.

ACETANILIDE is unchanged on a dull market: B.P. crystals and powder, 1s. 4½d. to 1s. 6d. per lb. as to quantity.

AMIDOPYRIN is meeting with little inquiry and the market is somewhat easy as quoted: crystals, five cwt., 12s. 9½d.; up to 13s. 3½d. per lb. for small parcels; powder, 1½d. per lb. more.

ASPIRIN continues to be quoted at the agreed scale of prices, but the limited business moving is difficult to obtain at these figures: quoted for home trade at 2s. 9d. to 2s. 11d. per lb. as to quantity; export to British Colonies and Possessions, ten cwt., 2s. 8d. up to 2s. 9½d. per lb. for small parcels; export to other destinations, about 3½d. per lb. more. Home and Continental makers quote level throughout.

BARBITONE is irregular, and the little business moving is mostly done at cut prices: quoted from 7s. to 7s. 6d. per lb. as to quantity.

BENZALDEHYDE is unchanged on a slow market at 2s. per lb. for quantities of f.f.c. in carboys.

BENZOIC ACID (B.P.) continues to find some business, with quantities ex works at about 2s. and spot parcels at 2s. 1d. per lb.

BENZONAPHTHOL remains very quiet, dealers quoting spot at 2s. 10d. to 3s. per lb. as to quantity.

BROMIDES.—While there appears to be no lack of supplies, business is on a very limited scale and well below normal; prices quoted are about unchanged: dealers quote ammonium, 1s. 9d.; potassium, B.P. crystals, 1s. 5d. to 1s. 5½d.; granular, about 1s. 5d.; sodium, B.P., about 1s. 8d. per lb. for fair quantities. Home makers' list prices are nominal, but they are selling at keenly competitive rates.

CALCIUM LACTATE is unchanged on a slow market: quoted from 1s. 1½d. to 1s. 3d. per lb. as to quantity.

CHLORAL HYDRATE is steady although quiet: home make, 3s. 1d. to 3s. 3d. per lb.; foreign on spot, fully 3s. 6d. per lb. for duty-paid crystals.

CITRIC ACID (B.P. crystals).—The position here shows further weakness; home makers appear to be forcing the position and spot holders are following: large quantities of, say, two tons, about 1s. 6½d.; ton lots, about 1s. 7d. Foreign to come forward would be dearer. English is 1s. 7d. less 5 per cent.

CREAM OF TARTAR continues to weaken on spot, with offers of foreign on spot down to about 94s. to 95s. per cwt., less 2½ per cent. for 99 to 100 per cent. powder; the volume of business is still poor and the tone remains unsteady.

CREOSOTE (B.P.) is unchanged on a dull market at 1s. 8d. to 1s. 9d. per lb. as to quantity.

CREOSOTE CARBONATE is offering on spot at about 5s. 9d. to 6s. per lb., with little business moving.

GUAIACOL CARBONATE is lifeless, dealers offering spot at about 4s. 6d. to 4s. 8d. per lb.

HEXAMINE is unchanged: outside make is quoted in the region of 1s. 10½d. to 2s. per lb., while the Convention rates are maintained at 2s. 2½d. to 2s. 4d. per lb. as to quantity.

HYDROQUINONE is in fair demand at steady rates of about 3s. 7½d. to 4s. 5d. per lb. as to quantity.

LACTIC ACID (B.P.).—The advanced prices recorded last week are holding, but business is lacking: quoted from 1s. 11d. for ton lots up to 2s. per lb. for two-cwt. lots in carboys; in jars, one penny more.

METHYL SALICYLATE (B.P.) is steady as quoted by makers and dealers at from 1s. 3d. to 1s. 5d. per lb. as to quantity.

METHYL SULPHONAL is unchanged at the controlled rates of 12s. 7d. to 13s. 10d. per lb. as to quantity, but the little business moving is being done at cut prices.

PARAFORMALDEHYDE is rather easy on a quiet market as quoted: 100 per cent. powder, 1s. 7d. for quantities and 1s. 3d. per lb. for small parcels.

PARALDEHYDE is unchanged on a slow market: quoted from 1s. 1d. to 1s. 3d. per lb. as to quantity and packing.



PHENACETIN shows no improvement in demand and controlled prices are being discounted in some quarters: quoted from 3s. 8d. to 3s. 11d. per lb. as to quantity, with powder 1½d. per lb. more.

PHENAZONE remains quiet with Convention prices easy: quoted at 6s. 11d. to 7s. 3½d. per lb. as to quantity; with powder 1½d. per lb. more.

PHENOLPHTHALEIN continues steady but quiet: quoted at 5s. 11d. to 6s. 1½d. per lb. as to quantity.

POTASSIUM PERMANGANATE is steady, with B.P. in druggists' parcels at 6d. per lb., and quantities in drums at 5½d. ex store.

PYROGALLIC ACID.—The makers inform us that no advance has taken place in pyrogallac acid, as we intimated last week, and that the price of resublimed remains at from fully 8s. 3d. to 8s. 6d. per lb. according to quantity. Heavy, or crystals, is from 7s. 3d. to 9s. per lb., according to quantity and consumer.

RESORCIN is steady but quiet: quoted at 2s. 11d. to 3s. 2d. per lb. as to quantity.

SALICYLIC ACID (B.P.) is steady as quoted by home makers at from 1s. 5d. to 1s. 8d. per lb. as to quantity.

SALOL continues quiet, with some cheaper offers about: quoted from 3s. 7½d. to 3s. 10½d. per lb. as to quantity for crystals, with powder 1½d. per lb. more.

SODIUM SALICYLATE (B.P.) is unchanged, with business slow: home trade, powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 23 lb., 2s. 1d., and less 2s. 2d. per lb.; crystals, one penny per lb. more. Export prices f.o.b. London or Continent, powder, two tons, 1s. 10½d. up to 2s. 0½d. per lb. for small parcels, with crystals 1d. per lb. more.

SULPHONAL is very quiet and easy on spot at 10s. 1d. to 11s. 2d. per lb. as to quantity.

TANNIC ACID (B.P. *leviss*) is well maintained at the quoted prices of 2s. 9d. to 2s. 11d. per lb. as to quantity.

TARTARIC ACID (B.P. crystals).—Further weakness in this market is recorded, with foreign on spot offering at about 1s. 1½d. per lb., less 5 per cent.; this is mostly second-hand make. Business is still much less than usual.

THYMOL is unchanged at the controlled quoted rates of 8s. 9d. for five cwt. up to 9s. 8d. per lb. for small parcels of synthetic fine white.

VANILLIN is very dull: ex clove oil, 14s. per lb. in cwt. lots; ex guaiacol, 13s. 6d. per lb. in cwt. lots; cheaper prices for larger quantities in both cases.

### Industrial Chemicals, etc.

London, May 21.

ONE or two items which have been unsteady recently are at slightly easier rates, these movements being due to severe competition. Other items in this section are quoted unchanged, but in nearly all instances the little business passing is done at a discount.

ACETIC ACID is slow of sale: 80 per cent. technical, £36 15s.; 80 per cent. pure, £37 per ton in barrels; glacial, pharmaceutical, 99 to 100 per cent., £66 in glass demijohns; glacial in barrels, £56 per ton ex store.

ACETONE is steady, but there is no great volume of business moving: B.G.S. in drums, ten tons, £71 10s.; five tons, £73 10s.; one ton, £76 10s.; drum lots, £80 per ton in free drums ex store or wharf.

AMMONIUM CHLORIDE is steady, with occasional business passing: grey galvanising, £21 7s. 6d. to £21 10s. per ton in casks ex store; slightly less for contracts.

ARSENIC is unchanged on the basis of about £15 17s. 6d. f.o.r. mines by Cornish agents for 99 per cent. white powder. Demand, however, is slow. Mexican high-grade is worth about £16 15s. c.i.f. Liverpool. The South Crofty Mines in Cornwall produced 258 tons of refined arsenic in 1929.

COPPER SULPHATE has been steady in spite of the dragging export demand, as usual at this time of the year, and British Associated Makers quote about £24 10s. f.o.b. for casks, less 5 per cent. Continental sulphate has been constantly offered through London, and purchases could easily be made at £22 f.o.b., and even less. U.K. exports for April were 5,771 tons, against 7,717 tons for March and 6,172 tons for April last year.

FORMALDEHYDE is, if anything, again easier, due to severe competition and a very limited demand: 40 per cent. by volume, about £33 per ton in casks ex store.

ISOPROPYL ALCOHOL is receiving fair attention from buyers: reliable make, 11s. to 12s. per gallon in drums, carriage paid; less for lower grades.

LEAD ACETATE is a poor market and spot prices are easier: brown, £37 2s. 6d.; white, £38 2s. 6d. per ton in casks ex store.

OXALIC ACID continues in fair demand, with prices holding steady: quantities, £32 per ton ex wharf spot parcels, 33s. per cwt. ex store.

POTASSIUM BICHROMATE is unchanged for home trade at 4½d. per lb. carriage paid.

POTASSIUM CARBONATE is steady but quiet: 90 to 92 per cent., £23 10s. to £24; 96 to 98 per cent., £25 10s. to £26 per ton in casks ex store; slightly less for contracts.

POTASSIUM CHLORATE in quantities is a shade easier at about £26 10s. per ton ex wharf; spot parcels, from 3½d. per lb. ex store.

POTASSIUM PERMANGANATE remains very quiet at 5d. per lb. for quantities in two-cwt. drums; small parcels, 5½d.

POTASSIUM PRUSSIAN is unchanged on a slow market: yellow, £63 10s. to £65 10s. per ton in quantities; single casks, 7d.; small parcels, 7½d. per lb. ex store.

SAL AMMONIAC is steady, while business is of little importance: dog-tooth crystals, £32; medium, £23; fine white crystals, £17 12s. 6d. per ton in casks ex store; slightly less for contracts.

SODIUM ACETATE is dull, dealers offering spot at about £20 15s. per ton in casks ex store.

SODIUM CHLORATE is flat: quantities, £24 10s. per ton ex wharf; spot parcels, from 3d. per lb. ex store.

SODIUM HYPOSULPHITE continues in request, with sales prices rather below quoted figures: dealers quote pea crystals in one-cwt. kegs at £15 per ton and commercial quality at £9 7s. 6d. per ton in casks ex store; makers' price for pea crystals to home consumers on contract, £15 per ton carriage paid to buyer's works.

SODIUM SULPHIDE is unchanged at controlled prices: 60 to 62 per cent. solid, £9 5s.; broken, £10 5s. per ton in drums ex wharf.

WHITE and RED LEAD.—Convention prices for home makes and foreign dry and ground in oil are as reported last week.

COAL-TAR PRODUCTS, ETC.—Slackness of business continues apparent, carbolic acid crystals and cresylic acid being very flat. Throughout the market the tone is easy. ANILINE OIL continues steady at 8½d. per lb. carriage paid, packages extra. ANILINE SALT is unchanged at 8½d. per lb., carriage paid, packages extra. BETANAPHTHOL is unchanged at 9½d. per lb. carriage paid. CARBOLIC ACID CRYSTALS is still slow of sale; makers continue to quote at about 7d. to 7½d. per lb. carriage paid, or f.o.b. in drums with overcasks; crude carbolic 60's, 2s. 5d. per gallon naked at works. CREOSOTE OIL continues unchanged for export at 4½d. to 4¾d. per gallon in bulk quantities f.o.b.; home trade price is in the region of 4d. per gallon ex works. CRESYLIC ACID is easy as quoted, with the market very quiet: pale 97 to 99 per cent., 2s. to 2s. 2d.; refined, 2s. 7d. to 2s. 10d.; dark 85 per cent., 1s. 8d. to 1s. 9d. per gallon naked at works. NAPHTHALENE is unchanged, with the market quiet: flakes and balls, £14 15s. to £15 per ton in cases ex wharf. METHYL ALCOHOL, PYRIDINE, TOLUOL, XYLOL and PITCH are all unchanged.

### Fixed Oils, etc.

SLOW markets continue to be reported but in most cases quoted values at least are being maintained. Linsed oil is about level on balance and turpentine is easier. ACID OILS continue slow of sale: coconut and/or palm kernel, 30s. 6d.; groundnut, 27s. 6d.; soya, 24s. 6d. spot. CASTOR is £1 per ton lower; pharmaceutical, 46s.; first pressings, 41s.; second pressings, 39s. per cwt. on the spot in barrels, in not less than one-ton lots. COCONUT.—Business remains quiet; prices are steady: deodorised, spot, 41s.; Ceylon, 32s. 6d. c.i.f. COTTON.—A fair business continues at unchanged prices: deodorised, 38s. 6d.; common edible, 26s. 6d.; soapmaking, 34s.; crude, 31s. 6d. spot. GROUND-NUT.—Prices are steady and business is quiet: deodorised, 41s. 6d.; crude Oriental, 36s. 6d. c.i.f. PALM KERNEL is steadier but still quiet: deodorised, 41s.; crude, 34s. 9d. spot. PALM.—Prices are still rather irregular on a very quiet market: Lagos, 25s. 6d.; softs, 25s.; mediums, 25s. 9d.; hards, 26s. 6d.; bleached, 27s. 9d. spot. RAPE is steady but very quiet: refined, 42s.; crude, 40s. 9d. spot. SOYA is dull and unsteady: deodorised, 37s. 6d.; crude, 34s. 3d. spot. LINSEED (raw, naked).—Values show some recovery on the week and the market is now steady, although decidedly quiet: on spot, 41s. 6d.; May, 39s. 9d.; June-August, 38s. 9d.; September-December, 37s. 1½d. Boiled oil, spot, 44s. 9d. TURPENTINE.—Steadiness at the recent level after being sustained owing to the continuation of a fairly brisk trade demand, gave



way to weakness and prices stand as follows: spot, 39s., June 39s., and July-December 40s. Last week's deliveries were very good at 2,603 barrels, making a total since January 1 of 38,464 barrels, comparing with 37,487 barrels for the same period last year. Stocks were reduced to 11,827 barrels. The quantities landing were 1,432 barrels and the quantities afloat 4,515 barrels. The visible supply was returned at 17,809 barrels against 18,135 barrels at the same date last year. RESIN.—There has been rather more activity both on the spot and for arrival and the tone is steady, with c.i.f. terms as follows: B/D 14s. 4½d. to 14s. 10½d., E/F 15s. 6d. to 15s. 7½d., G/H 15s. 7½d. to 15s. 9d., K/M 15s. 10½d. to 16s., and W/G 16s. 6d. per cwt. WOOD.—Hankow in barrels is quoted on the spot at about 55s. 6d. per cwt.

LUBRICATING, MINERAL, BURNING OILS, ETC.—Depressed markets continue to be reported, and in most instances the quoted prices are inclined to be easy. Benzols and solvent naphthas are easier. BENZOL is slightly cheaper, with the demand fair: standard motor 90's, country, 1s. 5d. to 1s. 5½d.; London, 1s. 7d. per gallon ex works in tank wagons. FUEL OIL continues quiet and steady: 950 gravity, £3 5s.; 890 gravity, £3 17s. 6d. per ton ex tank; cheaper forward. PARAFFIN OILS are firm and unchanged: American standard white, 1s.; water-white, 1s. 1d. per gallon, barrels free, ex wharf. PARAFFIN WAX AND SCALE.—Wax continues quiet at from 1½d. to 5d. per lb. according to melting point, in bags; scale is slightly cheaper for shipment at about £13 10s. per ton c.i.f. U.K. port. WHITE OILS are quiet with prices unchanged: special No. 1, £24 10s.; No. 1, £23 10s.; No. 3 half-white, £20 10s.; No. 4 half-white, £18 10s. per ton, drums and barrels free, ex wharf. SOLVENT NAPHTHAS are easier on a quiet market: 90 to 160, 1s. 1d. to 1s. 2d.; heavy, 90 to 190, about 1s. per gallon naked at works. PETROLEUM JELLIES are quiet and unchanged: white to snow-white, £36 10s. to £46 10s.; amber and yellow, £18 10s. to £22; dark stiff green, £11 7s. 6d. per ton, barrels free, ex wharf. LUBRICATING OILS.—The market is very quiet and prices for dark cylinders are inclined to be easier: spot, pales, £9 12s. 6d. to £21; redds, £11 to £21; dark cylinders, £12 10s. to £32; filtered cylinders, £22 10s. to £38 per ton, less 2½ per cent. SOLUBLE OILS AND CUTTING COMPOUNDS continue from £20 to £28 per ton net. No. 1 RUSSIAN OIL is offered on spot at £14 10s. per ton, less 2½ per cent., barrels free, ex wharf.

### London Drug Auctions

Commercial Sale Rooms.  
Mincing Lane, E.C.3  
May 22.

ALTHOUGH a representative quantity of drugs offered at auction, buying was strictly hand to mouth, and the tendency of values was in buyers' favour. Cape aloes failed to sell, but a small lot of Curaçao sold at steady rates. New crop buchu was easy, while Sumatra benzoin of good quality was in plentiful supply, and cheaper. Practically only Indian cardamoms were offered and held for firm rates. Guaiacum was a trifle easier, and for honey there was no demand. Ipecacuanha was quite neglected, and easier prices would have been accepted. High-dried rhubarb was the only description to sell, although some Shensi had been sold privately. Grey Jamaica sarsaparilla was neglected, and native red Jamaica was firmly held, being scarce privately. Only cheap manufacturing grades of Tinnevely senna were disposed of at easier rates. Beeswax met with no demand. The following table shows the quantities offered and sold, the asterisk denoting private sales:

	Offered	Sold		Offered	Sold
Aloes—			Cascara sagrada	100	0
Cape	84	0	Cascarilla	19	0
Curaçao	5	5	Cashew nuts	213	0
Socotrine	15	0	Cassia buds	20	0
Zanzibar (cs.)	3	0	Cassia fistula	55	0
Ammoniacum	12	0	Chamomiles (Belg.)	96	0
Annatto seed	36	3*	Chillies	223	0
Asafoetida	9	0	Chiretta	9	0
Balsam Peru	2	0	Cinchona	18	18
Balsam Tolu	17	0	Cochineal	5	0
Benzoin—			Colocynth and pulp	54	0
Palembang	7	0	Copaiba (cs.)	35	0
Siam	94	1	Coriander seed	5	0
Sumatra	190	19	Cumin seed	100	0
Buchu	32	4	Cuscuta	57	0
Calumba	179	40	Cuttle fish bone	160	11
Campthor oil (cs.)	48	48	Dragon's blood	61	1
Capsicums	53	0	Elemi	10	0
Cardamoms	110	8	Ergot	38	0
Cardamoms, green	10	0	Eucalyptus oil	40	0

	Offered	Sold		Offered	Sold
Euphorbium	23	0	Petitgrain oil	8	0
Galls	48	0	Podoph. resin	50	0
Gamboge	8	0	Quillaia	5	0
Gingergrass oil (pot)	3	0	Rhapontica root	29	0
Guaiacum	30	3	Rhubarb (Ch.)	110	14
Gum acacia	184	0	Rhubarb (Eng.)	5	0
Gum ghatti	15	0	Rhubarb (Eng.) pdr.	10	0
Gum karaya	30	0	Sandalwood chips	24	0
Guirun oil (cs.)	11	0	Sandarac	13	0
Henna leaves	51	0	Sarsaparilla—		
Honey—			Grey Jamaica	25	0
Brazilian	95	0	Honduras	20	0
Costa Rica	10	0	Mexican	10	0
Cuban	69	12*	Native Jam.	11	0
Guatemala	131	18*	Senega	4	0
Haiti	45	0	Senna and pods—		
Jamaica	529	0	Alex.	103	15*
Mexican	140	20*	Tinnevely	189	15
St. Lucia	137	0	Soap nuts	5	0
San Domingo	83	4	Soy (Ch.)	5	0
Trinidad	1	0	Strophanthus	30	0
West Indian	17	0	Tonka beans	32	1
Ipecacuanha—			Tragacanth	84	4
Matto Grosso	9	0	Tuba root	2	0
Minas	1	0	Turmeric	189	0
Jambul seed	4	4	Wax (bees)—		
Kino	5	0	Abyssinian	39	0
Kola	99	0	Benguela	14	0
Lime juice	2	0	Calcutta	15	0
Myrrh	94	0	Conakry	40	0
Nux vomica	15	0	East African	86	0
Olibanum	146	0	Jamaica	7	0
Orange peel	44	0	Madagascar	60	0
Palmarosa oil	5	0	Morocco	18	0
Patchouli oil	5	0	Mozambique	20	0
Pepper (Afr.)	20	0	Wax candelilla	3	0

Next Auction—July 24, 1930.

ALOES.—A lot of five cases Curaçao sold at 110s. per cwt. for dullish liver, being steady. Cape firsts were held at 40s. per cwt., and fair seconds at 38s.

ANNATTO SEED.—A lot of 13 bags inferior bricky East Indian was offered without reserve, a single bid of ½d. per lb. being refused.

BENZONIN.—The offerings of Sumatra to-day showed a decided improvement in quality as compared with previous auctions, a larger proportion than usual consisting of good seconds. There was a small demand however at lower prices, sales comprising ten cases good almondy Sumatra seconds at £7 10s. per cwt., and for a further five cases of very good, well-packed seconds £7 15s. per cwt. was paid subject to sellers' approval. Four cases of common Sumatra thirds sold at 95s. per cwt. Of Siam, a single case of hard blocky seconds sold at £14 per cwt.; small to bold loose selected almonds were held at £29 10s.; small to medium, ditto, at £28 10s.; and slightly blocky pea and bean size at £26 10s.

BUCHU.—Two bales of fair round green sold at 1s. 1d. per lb. subject to sellers' approval; a single bale of round yellowish sold at 11d., and a bale of ovals went at 8d. per lb. without reserve.

CALUMBA.—A lot of forty bags fair small to bold natural sorts sold cheaply without reserve at 20s. per cwt.

CAMPOR OIL.—A lot of 48 cases Japanese white sold cheaply without reserve at 77s. 6d. per cwt., duty paid. Analysis showed, sp. gr. at 15.5 C. to be 0.9050; optical rotation + 12.2; eucalyptol content approximately 13 per cent. Privately 190s. per cwt. is quoted in single cases.

CARDAMOMS.—The principal lots offered comprised 49 cases Indian from Calicut, bold palish round Mangalore character of which was limited at from 5s. to 5s. 3d. per lb.; medium long, 4s. to 4s. 3d.; small round at 3s.; brown and split at 2s. 10d. Five packages Mangalore seed sold at 4s. 3d. per lb. Small sales had been made privately.

CHAMOMILES.—Fair white Belgian were limited at 230s. per cwt., and partly brownish seconds at 220s.

CINCHONA.—A lot of 18 bales East Indian chips sold at 8d. per lb. for sound, and at from 4½d. to 7½d. for sea-damaged.

COLOCYNTH.—A lot of ten bales Syrian pale pulped was limited at 10d. per lb., and for a further 25 bales 9d. was wanted.

CUMIN SEED.—A parcel of 25 bags Maltese offered and was limited at 65s. per cwt., at which private sales have been made.

CUTTLE FISH BONE.—A lot of 11 cases fair pale whole sold at 1s. per lb., subject to sellers' approval.

DRAGON'S BLOOD.—A single case of good reboiled Singapore lump had been sold privately, and various other parcels were limited at from £30 to £31 per cwt.



**ERGOT.**—A lot of five bags fair sound Portuguese was bought in at 1s. 6d. per lb., and a further 10 bags were held at this price.

**GALLS.**—A lot of 48 bags comprising Persian blue and green were held at 62s. 6d. and 58s. per cwt. respectively.

**GUAIACUM.**—Three cases of middling part drossy sold at 1s. 6d. per lb. Fair glassy lump was obtainable at 2s. per lb.

**HONEY.**—Practically nothing sold in the auction, but subsequently a number of private sales were made; 18 packages Guatemala sold comprising set amber at 50s. per cwt.; 12 casks Cuban sold privately, and 20 set amber Mexican sold privately. The only open sale was four casks pale sugary fermenting San Domingo at 22s. per cwt.; prices were generally easier. The New Zealand crop is officially notified to be very small. Prices are from 60s. to 80s. for yellow to white set.

**IPECACUANHA** neglected. A single bale of fine bold hand-picked Matto Grosso free from stem such as is seldom imported here, was limited at 14s. per lb., a bid of 11s. 9d. being refused. No public business was done, the value of fair average quality Matto Grosso being 11s. 6d. per lb. An arrival of 28 bales has taken place from Uruguay.

**JAMBUL SEED.**—Four bags ordinary dull sold without reserve c.i.f. pay charges at 1½d. per lb.

**RHUBARB.**—Three cases of flat High-dried with three-quarters fair pinky fracture sold at 1s. 9d. per lb. Two cases small to medium rough round High-dried with seven-eighths pinky fracture sold at 1s. 5d. per lb. Seven cases bold round and flat Shensi had been sold privately.

**SARSAPARILLA** was neglected; 19 bales grey Jamaica were limited at 2s. per lb., and for a further six bales 1s. 10d. was wanted; 11 bales native red Jamaica were limited at 1s. 7d., a bid of 1s. 6d. being refused. Privately there is a firm undertone for this description, as supplies are very limited.

**SENEGA.**—Four bales of fair quality were limited at 3s. 3d. per lb.

**SENNA.**—Only manufacturing grades of Tinnevely leaf were disposed of, comprising common brownish thirds and fourths 1½d. to 2d. per lb., and small to medium specky greenish at 2½d.; medium to bold greenish was held at 4½d., and for pods 5d. was wanted. Of Alexandrian 15 bales siftings had been sold privately; good pale hand-picked pods were limited at 4s. 9d. per lb.

**STROPHANTHUS.**—Several parcels guaranteed genuine 100 per cent. Kombé were limited at 7s. per lb.

**TONKA BEANS.**—A lot of five casks fair Angostura was limited at 5s. 6d. per lb., at which private sales have been made, and 14 cases Para were taken out at 1s. 2d. per lb. A single case of ordinary black Para sold without reserve at 1s. per lb.

**TUBA ROOT.**—Two bales were retired at 1s. per lb.

### Brazilian Ipecacuanha

THE exports of Brazilian ipecacuanha during the period 1924-1928, inclusive, were as follows: 1924, 91,520 kilos; 1925, 60,115 kilos; 1926, 68,242 kilos; 1927, 70,042 kilos; 1928, 59,169 kilos. The heaviest exports (approximately 80 per cent. of the total) were from Corumba in the State of Matto Grosso and from Bahia.

### Mawah Oil in Kenya

RECENTLY two farmers in the vicinity of Nakuri, Nairobi, Kenya Colony, planted approximately 1,500 acres of a variety of geranium (*Pelargonium*), from which is extracted an essential oil known commercially as mawah oil. It has been determined that one acre will produce about 25 lb. of oil. There is a world market for about 150 tons annually, but the present production is only about 50 tons. Although stated to be of better quality than either Bourbon or Algerian oils, it realises only two-thirds of the price of those oils, or 8s. per lb.

### New Zealand Mercury

DURING his recent visit to North Auckland the Hon. A. J. Stollworthy, Minister of Health, was shown over the mercury mine now being opened about two miles from Kaitake (*C. & D.*, January 11, p. 50), and he said he was much impressed by the prospects and possibilities of this enterprise. Some 35 years ago a very much smaller plant was established there, but the work was not successfully developed. The present undertaking is backed by British capital, and already 70 men are being employed about the

mine. Considerable building has been going on, and it is expected that operations will be in full swing in two months' time.

### New Zealand Kauri Gum

THE Kauri Gum Control Board held a meeting in January, and as all licences issued to kauri gum brokers and buyers expired on December 31, 1929, the Board issued 70 buyers' and three brokers' licences. The following figures show arrivals of kauri gum at Auckland, exports and values for 1928 and 1929:—

		Arrivals Tons	Exports Tons	Value £
1928	...	4,003	4,394	240,159
1929	...	4,087	4,937	267,610

### Mercury in U.S.

PRICES of mercury have been upset to a marked degree during the past month (says New York "Drug Markets" for April) and offerings of domestic material were made at prices that represented a sharp decline from former values. While the quotations for imported material of the monopoly remained steady at \$126.00 per flask, imported brought in at the prior lower prices was offered at \$120.00 to \$122.00 per flask. But these prices did not mean very much, due to the fact that the domestic mines were offering at prices that ranged down to \$112.00 per flask. Importers would like to have consumers and others believe that the quotations on the domestic material are merely temporary, the meta. quoted being more or less of the nature of distressed goods. On the other hand, there is every indication that the high prices are stimulating domestic production to still greater heights and that this material will continue to sell well under the market as long as the factors abroad maintain their prices.

### Spanish Ergot

ACCORDING to figures compiled by the U.S. Consul, the exportations of ergot through Vigo during the crop year of 1923 amounted to 45,536 lb., compared with 23,768 lb., exported to date (December 23, 1929) in the current crop year. The price quoted by local dealers is approximately 6 pesetas per kilo (\$0.84) delivered in New York, while it appears that the Russian product can be purchased in Hamburg at considerably lower prices. Despite its higher price small shipments of Spanish ergot are being made continually to Hamburg, where, according to the statement of the local exporters, it is used for mixing with the cheaper Russian product. It is reported that there is available for immediate exportation in the hands of dealers of ergot in the Vigo district about 20 metric tons, for which a price of from 5 to 6 pesetas per kilo c.i.f. New York is asked. The quality of the 1929 crop is said to be better than for many years past. A few tons of ergot from the crop of 1928 remain unsold, but the quality is deteriorating so rapidly that it is of little value for export purposes.

### Java Citronella Oil

EXPORTS from Java during the month of April 1930 amounted to 73 metric tons. The figures for the past four years (tons of 1,000 kilos) are as follows:—

	1926	1927	1928	1929	1930
January .. ..	104	107	104	67½	55
February .. ..	100	135	98	72	62
March .. ..	118	100	81	107	61
April .. ..	105	90	114	82½	73
Total, Jan.-April ..	427	432	397	329	251
May .. ..	73	90	184	121	—
June .. ..	95	132	109	43	—
July .. ..	110	94	78	80	—
August .. ..	81	88	77	77	—
September .. ..	95	141	58	66	—
October .. ..	108	96	91	54	—
November .. ..	93	122	77	41	—
December .. ..	100	117	72	53	—
Total, Jan.-Dec. ..	1,182	1,312	1,143	864	—

THE "Financial Times" Genoa correspondent reports that a firm of olive oil merchants and exporters has failed, with liabilities estimated at 10,000,000 lire and assets of only negligible value. The failure is due to the heavy decline in prices of olive oil.





Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

### The Pharmaceutical Society's Evidence

SIR,—The note prefaced to the Society's *précis* of evidence circulated to the Press contained the following words: "Before submitting the *précis* to the Committee the Council discussed it in draft with representatives of the Retail Pharmacists' Union, the Drug Club, the Company Chemists' Association, and the Guild of Public Pharmacists, who expressed themselves as being in agreement with the proposals." It has been suggested that although the prefatory note to the supplementary memorandum prepared by the Society's Council at the request of the Departmental Committee concludes with the words "the Council prepared and submitted the following memorandum," that note may be read in conjunction with the earlier note to give the impression that the supplementary memorandum has the approval of the organisations named. I therefore write to say that the supplementary memorandum was submitted on the responsibility of the Council alone.

Yours faithfully,

HUGH N. LINSTEAD, Secretary.

17 Bloomsbury Square, London, W.C.1.

### Council Election

SIR,—After discussion with the members of our local association I am writing to say that we all felt, and showed, great indignation at the Society's Council for directing the Journal to refuse advertisements from the so-called optical groups, who are all qualified chemists and part-owners of the Journal, and as such just as much entitled to use the Journal as members of the Council. The following also emerged during our talk. The election literature of the retiring members of the Council was prepared for post on appliances belonging to the Society, if not in the Society's offices at Bloomsbury Square. This was a most serious misuse of the Council's power, even if the services were paid for.

Yours faithfully,

W. E. BELL.

Horlestone-on-Sea.

### Departmental Committee's Report

SIR,—In the article on the Departmental Committee's inquiry by "A Pharmaceutical Observer" (*C. & D.*, May 10, p. 575) the concluding paragraph states that the proposed Bill is far from unfavourable to the profession of pharmacy as a whole. This conclusion has been arrived at by several of the contributors who have discussed this draft Bill in your columns; but it is a curious aspect of the Bill that although it is stated to be generally beneficial to pharmacy from a wide point of view, I have yet to read a statement of the benefits which it will confer on the individual pharmacist, and it seems likely to prove the exception to the rule that the whole includes the part. It is true that compulsory membership would enable the Society to be fully representative of the whole body of qualified chemists, but the individual chemist is mulct in £2 for personal registration and £3 for his premises yearly, and it invariably happens that the maximum also becomes the minimum fee in these cases, while the Society has no powers of protection of its members in return. The only thing is the restriction of place names, or would the Bill seem to confer any benefit on the general public for whom legislation is supposed to be enacted and for whose convenience the Committee was supposed to be set up for making the promiscuous sale of certain poisons and poisonous substances possible by persons unfamiliar with their properties can hardly be classed as a benefit to the purchaser. The last sentence in your contributor's article states that

ultimately the Bill would have become a Government measure, which may have to be accepted or rejected by pharmacists as a whole; but just previously he has told us that when the Council found that its protest against a reduction of its powers was of no avail it had to change its front to a voluntary offer of surrender; that being so, what earthly use would be the rejection of a Government measure by pharmacists as a whole? The fact is that pharmacy is not a body to be recognised as a political factor.—Yours truly,

DECISUM (20/5).

### Suggested National Medical Service

SIR,—The scheme for the provision of a national medical service has attracted a good deal of attention in the lay Press as well as in the professional journals, and the question is asked whether the independent pharmacist would be encouraged under this scheme. The whole trend of medical effort has been, and is more to-day than ever, to endeavour to confine every possible activity to members of the profession, or, at any rate, to keep everything under their direct control. Even in every little paragraph on health notes the public are directed to go to their doctor. In these circumstances it is not likely that there will be any place reserved in such a scheme of national medical service for the pharmacist as such—and we are hardly in a position to demand it. The only thing we are likely to get is the additional work provided by the extension of Insurance benefits to the dependants of insured persons; and, judging from the present returns from Insurance dispensing, it is scarcely an eventuality to be welcomed, as it will certainly mean a further loss of retail business for articles at present sold over the counter, and more dispensing on the present unsatisfactory scale of fees. From this point of view I consider that the acceptance of contracting out at tariff rates was a great mistake.—Faithfully yours,

UNRESERVED (19/5).

### Delayed Invoices

SIR,—In reference to the complaint of Mr. A. D. Matthews (*C. & D.*, March 8, p. 309) that much inconvenience is caused by receiving goods without invoices, I remember that when I was in a wholesale warehouse it was a standing rule that no goods were to be received unless accompanied by invoice, and if presented were to be returned to the carman. After one or two cases in which the goods had to be delivered a second time, there was no further trouble, and all goods were delivered together with the necessary invoices. Such a rule would be difficult to enforce in a retail business, especially in the provinces, where goods are received per rail or carrier; but when one remembers that the London sundries houses who carry out daily deliveries all over London and the suburbs can manage to deliver goods to one's premises in the morning or afternoon when ordered by post overnight, or by telephone before ten o'clock, invariably with the corresponding invoices, it would not seem a difficult matter for any business house to post the invoices on the same day as the goods were dispatched.—Faithfully yours,

FATTURA (17/3).

### Doctors' Calligraphy

SIR,—The note under "Colonial and Foreign News" (*C. & D.*, May 3, p. 533) that the Department of Public Health of Leningrad has informed all doctors that they will be held responsible for errors in prescriptions due to bad writing or insufficient clarity reveals more common sense in one way than we have. It ought to be made a standard regulation in all countries that a doctor shall write sufficiently clearly so that there can be no doubt as to his meaning, and all extra large doses or variations from the usually accepted practice which are intentional should be initialled. Some of the scripts which we have to decipher are disgraceful, and particularly is this the case with some Insurance scripts, now that we have a formula with abbreviated titles for mixtures.

Yours, etc.,

LEGIBLE (12/5).



## Dispensing Notes and Difficulties

### Unightly Mixture

STR.—Please say the best way to make a presentable mixture of the following:—

Calcii chlorid.	...	...	...	3iv.
Ext. ergot. liq.	...	...	...	3x.
Ext. glycyrrhiz. liq.	...	...	...	3iv.
Aq. menth. pip.	...	...	ad	3x.

Yours, etc.,

M. B. W. (7/3).

[There is no method of avoiding a precipitate in dispensing this mixture. Calcium chloride precipitates both liquid extracts in any dilution with water, making a most unsightly product. To be able to supply the best pharmaceutically prepared mixture, the following method will give the best result:—Mucilage of acacia, 2 fluid ounces; peppermint water, 5 fluid ounces; mix and to this add the liquid extracts. Dissolve calcium chloride in the remaining water, and mix the two solutions together. Make good the oil of peppermint equivalent of the two ounces of water displaced by the mucilage. This will not prevent the precipitate, but will render it easily diffusible when shaken up.]

## Legal Queries

J. B. (30/4).—Unless you get your discharge, which will be the document testifying to the period of apprenticeship you have actually served, you will get no credit for the time. A solicitor would easily arrange to secure for you the official discharge in the proper form.

M. J. F. (16/4).—In the case of imported goods to which Orders-in-Council under the Merchandise Marks Act apply, the required indication of origin must not only be applied to the goods themselves, but also, in certain circumstances, be embodied in advertisements of the goods. Similarly, the indication of origin must be given in trade lists, catalogues, quotations or other written offers of the goods for sale. However, this obligation arises only when the goods are advertised, listed or offered for sale as being "of a particular brand or make or otherwise under a specific designation." For instance, an Order-in-Council applies to imported toothbrushes. It would be permissible to advertise, list or offer these goods simply as toothbrushes without adding "Foreign," "Made in Japan," or as the case may be. But if the goods were advertised, listed or offered under a brand name, or, for example, as "Our special high-grade toothbrushes" it would be necessary to give the indication of origin.

## Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

### The Kind-hearted Locum

On ringing up the wife of a *locum tenens* who had been ill, a chemist was informed that the *locum* was better. Then, to his surprise, Mrs. Locum volunteered the suggestion that the chemist himself was in need of a holiday, and offered, on her husband's behalf, a loan with which to meet the expenses.—Rivel (21/5).

### Incineration

Many are the methods which have been recommended and used from time to time for burning off to the ash the filter paper in which a precipitate is contained. After washing and drying, a simple method is to invert the filter paper in the crucible or dish, add a little s.v.m. to the apex and apply a light; it burns away quite quietly, and, as a rule, would not materially affect the solid substance left at the bottom of the dish.—Abel Scholar.

## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

T. H. B. (8/58).—BLOWING EGGS.—To blow a badly-incubated egg, drill, mess up the contents with a piece of wire and inject aqueous solution of pepsin or solution of potassium carbonate. Set the egg aside to macerate for a few days, then remove some of the contents by blowing. Load the egg again and give it time further to soften the embryo. Repeat the process until the inside is clean.

North (5/38).—IODINE REQUIREMENTS OF ANIMALS.—The following table shows those amounts of iodine which are calculated to give efficiency with economy, and it may be noted that far larger quantities have been fed without harmful results:—

Class of Stock	Amount of Potassium Iodide	
	Daily	Per annum
Poultry	1/6 gr.	60 gr.
Sheep	2/2 gr.	180 gr.
Sows	1/1 gr.	300 gr.
Growing Pigs	1/2 gr.	180 gr.
Horses	1 1/2 gr.	600 gr.
Cows	1 1/2 gr.	500 gr.
Calves	1/1 gr.	300 gr.
Dogs	1/4 gr.	90 gr.
Rabbits	(one-fiftieth)	8 gr.

It will be noted that the amounts required are very small, and the expense incurred by the stock-feeder is negligible compared with the benefits which will accrue from the use of iodine. The iodised mineral supplement, as marketed by manufacturers, is quite a useful means of providing iodine, but many stock-feeders prefer to give the iodine separately. For this purpose it is suggested that a stock solution of potassium iodide be supplied, a portion of which may be sprinkled on the food of each animal, or in the drinking water, as the case may be. A solution, for example, of 3 1/4 oz. of potassium iodide in 3 gallons of water issued at the rate of 1 tablespoonful per head daily will provide cows with just the amount they require. Alternatively a more concentrated stock solution could be sold containing, perhaps, 4 oz. potassium iodide in 10 oz. of water, with full instructions on the label as to the dose for different classes of stock.

## Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," May 15, 1880

### Chian Turpentine

Professor Clay's very remarkable paper on the treatment of cancer by Chian turpentine, printed in abstract in our last number, has naturally caused much excitement in the Chian turpentine market. At the Apothecaries' Hall a cask of about 50 lb., which had been imported direct half a century before, proved a small gold-mine, but the demand was so large that after repeatedly raising the price the sale was stopped. Other firms found their dead stock of it becoming remarkably lively. . . . Dr. Xavier Landerer, of Athens, says, in a communication printed elsewhere, that shells of true Chian turpentine "are very rarely found in commerce." Dr. McCraith writes to us from Smyrna, in a letter which will be found on another page, stating that none of the genuine article can be bought there at present. The annual yield in Scio seems to have been steadily decreasing.

Owing to pressure on space, this week's instalment of the C. & D. Commercial Compendium is held over.



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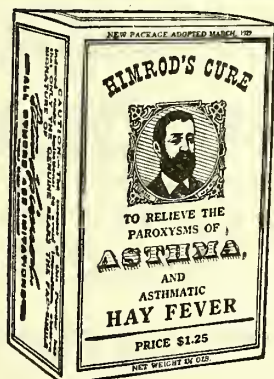
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**Profitable,  
Repeat Business and  
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Standard For Over 60 Years  
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HOBOKEN, N. J., U. S. A.

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A complete equipment located in Sydney, N.S.W., under the control of a qualified manufacturing chemist, is available for branded pharmaceutical products. The services of an associated distributing agency are also available, if desired.

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**ADEPS LANÆ****ANHYDROUS  
HYDROUS****ANHYDROUS B.P., U.S.P., D.A.B.6.,****FINE**

in bulk, or packed in tins

**A.L. LANOLINE, D.A.B., Superfine**

is the finest quality manufactured in England.

**COMMERCIAL LANOLINE: Neutral Wool Fats**

Extra pale, pale and medium.

**Lanoline Rust Preventer****Wool Oils for Rope Batching***Stocks in London or ready for immediate delivery from Works.**Sole Distributors:—***THE OLD STRAND CHEMICAL & DRUG CO., LTD.**  
41 Great Tower Street, E.C.3**ADEPS LANÆ, Ltd., Manufacturers, BRADFORD****BEFORE ORDERING**GLYCERINE THYMOL CO.,  
HYDROGEN PEROXIDE,  
PARAFFIN LIQ.,  
LYSOL,  
SYR. FERRI PHOS. CO.,  
CASTOR OIL,  
OLIVE OIL,  
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COD LIVER OIL,  
TINCT. IODI MIT. B.P.,  
TINCT. QUININÆ AMMON. B.P.,  
&c., &c.**BULK OR PACKED***We suggest it would be decidedly  
to your advantage to obtain sample  
and quotation from:***McCLURE, YOUNG & Co., Ltd.**  
ECLIPSE WORKS - BARNES, S.W.13.**DISPENSING LINES TO NOTE****“ARCOLAX”**A natural Vegetable Product for the  
treatment of Habitual Constipation;**Boxes 3/4****“ROBUVAL”**Elixir Strontii Bromid. et Valerian.  
Deodorat. An extremely palatable  
Calmative and Nerve Sedative.**8 oz. Bottles 3/6***Prepared and extensively advertised by***ROBERTS & CO.**  
PHARMACIENS**76 NEW BOND STREET, LONDON, W.1**

Telephone: MAYFAIR 4173-4.





# The 'Aspro' Review



17% Extra Profits.

"British to the Core"

New Series Display Features.



## Beautiful New Display Features Printed in Natural Colours for Exclusive Showing by British Chemists

ACCEPTING the advice of a number of leading chemists to provide high-class display features we have pleasure in announcing the completion of a new series, exclusively produced for chemists.

The illustrations on these pages represent actual photographs of cut-outs just received from the printers. The size of each is approximately 22 by 14 inches, and the printing has been executed in full colour with a gloss finish. The composite display shown below is a folding combination in group form of the same figures and has been produced to place on counters, shelves, and in corners and recesses.

From the point of artistic value these displays will not only attract attention, but they will add tone to your display work—give an undeniable impression of progression—and the 'ASPRO' messages link your store to the largest medicine advertising campaign in the world.

Simply write or 'phone, and a complete set will be forwarded to any chemist in Great Britain.

There is no doubt that the new displays will further enhance 'ASPRO' sales for chemists. Turn up your ledger and analyse your 'ASPRO' purchases. IF YOU ARE NOT BUYING ON OUR BONUS TERMS you are losing an average additional 17 per cent. net profit, so figure out exactly what this extra percentage would mean to you EACH YEAR. With the cost of doing business rising higher year by year, is it good business to MISS an extra 17 per cent. net?

The 'ASPRO' bonus is as follows:—On a one gross order for 10's the bonus is one dozen packets; on half-gross order, 4 dozen packets. Half gross 10's is the minimum order accepted for Bonus purposes.

**17% Extra Profit if You buy Your 'ASPRO' Supplies on Bonus Terms**

On a one gross order for 27's the bonus is 2 dozen packets, on a half-gross order 1 dozen packets, and on a quarter gross order 1/2 dozen packets. A quarter gross order is the minimum quantity. There is no bonus on 5's or 60's.

The conditions are that the Chemist who buys on these terms undertakes to display prominently 'ASPRO' advertising matter in his shop window for 14 days, and sell at advertised prices. As 'ASPRO' is so extensively advertised, this action will not only bring customers into the Chemist's shop to purchase 'ASPRO', but should enable the Chemist's staff to make other sales to these customers. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices. For Bonuses it is not necessary to buy both sizes at the same time, i.e.,

single lots 6 dozen 10's or 3 dozen 27's will qualify the Chemist.

You order as follows:—We do not sell direct to the Chemist. All our business goes through Wholesalers. Orders may be sent either to your Wholesaler or direct to us. If to us, state the name of your Wholesaler, so that we may forward the order on and the Bonus will be supplied direct by us.

Ordinary prices for 'ASPRO' are as follows:—

3d. size containing 5 tablets 2/3 dozen.

6d. size containing 10 tablets 4/6 dozen.

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2/6 size containing 60 tablets 21/- dozen.

Less 2 1/2% 30 days.

NOTE.—1/3 size contains 2 extra tablets. The 2/6 size 10 extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

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(Aspro Dept.)

**SLOUGH, Bucks.**

Phone - - - Slough 608.

No proprietary right is claimed in the method of manufacture or the formula.



Made by **ASPRO LIMITED**  
Slough, England



**Composite Display for Shelves and Recesses.  
Printed in Full Colours.**





# PRUNOL

## PRUNE JELLY

**SAFE AND  
SIMPLE**



In Jars  
1/6 and 2/11  
From all  
Wholesales

**NATURE'S FRUIT LAXATIVE FOR CHILDREN AND ADULTS**

In response to many requests from Chemists we have decided to distribute the

### 9d. TRIAL SIZE

through the Trade at the usual discounts.  
Your Wholesaler holds stocks of this size.

40/- Bonus Parcels, together with Display Carton, Wrapping Paper, and Prunol Booklets, are available through your Wholesale House.

**PRUNOL PRODUCTS LTD.** 21 COCKSPUR STREET,  
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Phone: Regent 1920 Wires: "Prunol, Westrand, London."

**FOR SEA, AIR & TRAIN SICKNESS**

RECOMMEND

YOUR CUSTOMERS

IN  
BOXES  
RETAIL  
**4/2**



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BOXES  
RETAIL  
**8/4**

Its Efficiency is Guaranteed and it's a Good Profit  
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## RIDGE'S FOOD

*for Infants, and Adults of all ages.*

WELL ADVERTISED to the GENERAL PUBLIC.

SAMPLES, ADVERTISING MATTER and SPECIAL  
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Season—1930



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# COD LIVER OIL

**GUARANTEED GENUINE. FINEST PURE LOFOTEN.**

Manufacturers:

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LARGEST MANUFACTURERS OF COD LIVER OIL IN NORWAY.

**SPECIALITY—Cattle and Poultry Feeding Oils.**

Stocks always held in London.

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# EVERY CHEMIST SHOULD STOCK THESE THREE LINES

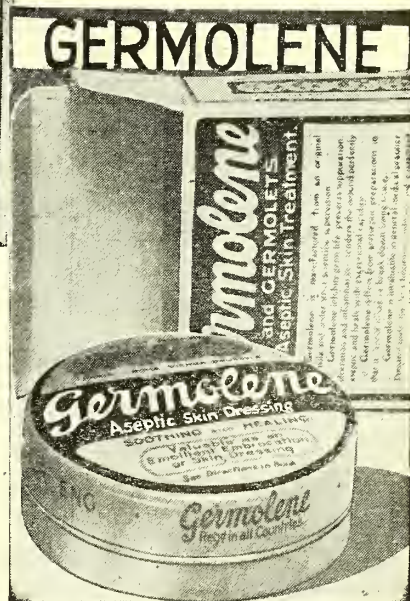


*BEECHAM-VENO  
GOODS ARE  
EXCELLENT.*



*THEY'RE  
REAL  
PROFIT  
MAKERS.*

**B**EECHAM-VENO advertising has built up an immense buying force in the Drug Trade, and such lines as BEECHAM'S PILLS, Dr. CASSELL'S TABLETS and GERMOLENE, are looked upon as being BEST SELLERS. Each line is backed up by continuous advertising in the National and Weekly Press and the Monthly Magazines, the total appropriation amounting to some £500,000. Your daily profits can be increased by stocking and keeping before the public Beecham-Veno lines. **DISPLAY THEM** in your window—your shop—your counter. They're easy to handle, and good profits result from their sale.



**BEECHAM-VENO CENTRAL DISTRIBUTING DEPOT**  
**CHESTER RD. MANCHESTER.**

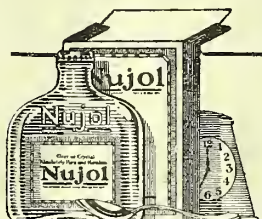


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Chemists who display and recommend Nujol find it one of their most profitable lines for these reasons:

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Send immediately for particulars of special bonus offers for window display!



*"Regular as Clockwork"*

## PRICES:

2/- size, 16/10 per dozen; 3/- size, 25/2 per dozen; 100 oz. Hospital size 117/6 per dozen.

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## STAND 154

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FROM  $\frac{1}{2}$  oz. TINS — TO — TONS.

Telephone: HOP 2422.

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POPULAR



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# UCAL MORNING SALT

*This is the line to earn you  
Big Profits—create Goodwill*

**LARGE SALES**

**CONTINUAL REPEATS**

*Plentiful Supply Show Material.*



## 4½d. Size

<b>COSTS</b>	-	3/- doz.
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Gross	-	30/-

## 7½d. Size

<b>COSTS</b>	-	4/6 doz.
6 doz.	-	4/- „
Gross	-	45/-



**United Chemists' Association  
LIMITED**

(Phone 3021)

CHELTENHAM

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Telephone: "RIVERSIDE" 4641.

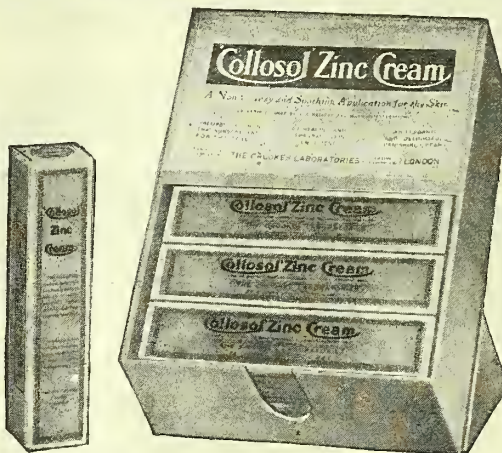


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The NEW elegant packing of this valuable medicated cosmetic makes a wide-spread appeal for medical, nursery and toilet use.

Its selling attraction is enhanced by supplies of samples for counter distribution.

A most remunerative proposition to the retailer.



Sells at  
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A display container of 1 doz. tubes.

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Telephone:  
Museum 3663, 3697 & 5757

## NEW PATENT Blutergess Sifting Machine

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For all chemists' purposes

WRITE NOW for samples and prices.

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## CHEMISTS' FITTINGS

OF EVERY DESCRIPTION.

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ESTABLISHED 1793.

The Best and  
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**ATKINSON & BARKER'S**  
INFANTS' PRESERVATIVE

Does not  
contain  
any  
Scheduled  
Poison.

ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER



May we call yourattention to:—**PETROLAX**

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**THE IDEAL PARAFFIN AND AGAR-AGAR EMULSION****PETROLAX COMPOUND**

(RED CARTON)

**A COMBINATION OF PETROLAX AND PHENOLPHTHALEIN****PETROLAX ALKALINE**

(BLUE CARTON)

**A COMBINATION OF PETROLAX AND MIST. MAGNES. HYDROXIDI***Note the Prices:—*RETAIL 2/- (Nominal  $\frac{1}{2}$  lb.) 14/- doz.

" 3/6 ( " 1 lb.) 24/- "

" 6/- ( " 2 lb.) 44/- "

*Stocked by the leading Patent Houses, or direct from the SOLE MANUFACTURERS:—***C. R. HARKER, STAGG & MORGAN, LTD.****Mile End, London, E.1****GARDINER'S  
OVERALLS****For CHEMISTS & DRUGGISTS****SEND FOR NEW ILLUSTRATED LIST.**

Jackets and Coats of very superior quality, made from the most reliable materials, smartly cut and thoroughly well finished in every detail.

WHITE DRILL JACKETS ...	6/11, 8/11, 10/6
KHAKI DRILL COATS 6/11, 8/6, 10/6, 12/6, 14/6	
WHITE DRILL COATS 7/6, 9/6, 12/6, 13/6, 15/6	
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STOCK SIZES: 34 to 44 chest measure over waist-coat. Special pockets and little adjustments can be made without extra charge. POSTAGE on single coat 9d., but 20/- orders upwards carriage paid. SPECIAL PRICES FOR LARGE QUANTITIES.

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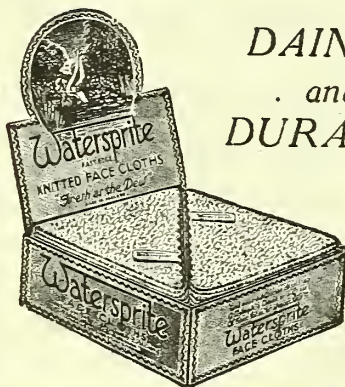
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Established 1839.

**BRANCHES:**Deptford, Edgware Road, Woolwich,  
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MADE  
BEER***from***MASON'S  
EXTRACT OF HERBS****THE NATIONAL BEVERAGE:  
SELLS FREELY EVERYWHERE****UNIQUE DISPLAY MATERIAL  
EASILY ARRANGED**Folder Showcard. Half-pint Mug.  
Imitation Bottle of Beer, &c.**WINDOW SHOW ALLOWANCE  
WITH OPENING ORDER**Apply to **NEWBALL & MASON, LTD.**,  
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THESE CHARMING CLOTHS, BEING  
SPECIALLY KNITTED, HAVE JUST  
SUFFICIENT ELASTICITY TO RENDER  
THEM DELIGHTFULLY SOFT IN USE,  
AND APPEAL INSTANTLY TO  
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BUYERS.

DELIGHTFULLY ATTRACTIVE  
DISPLAY CARTONS  
PRINTED IN SEVEN COLOURS  
CONTAINING TWO DOZEN.



DAINTY  
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DURABLE.

# Watersprite FACE CLOTHS

MADE IN ENGLAND

POPULAR PRICES.

## WHITE, with Coloured Borders.

G220.	Overlocked, Assorted Colours .. ..	4/- doz.
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## SPECIAL ASSORTMENTS.

G226.	Cartons containing 4 each of above 6 Numbers	10/6 per carton.
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Sole Manufacturers :

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BROTHERS LIMITED

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LONDON - - E.C.1

FROM ALL WHOLESALERS.

IF ANY DIFFICULTY IN OBTAINING SUPPLIES, WRITE US DIRECT.

# The "EVERSAFE"

PATENTED EVERYWHERE

## BABY PACIFIER

WITH THE NEW  
COUPLING and

REDUCED  
PRICES

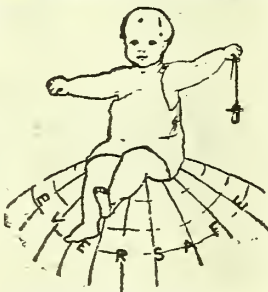
HAS SECURED  
SALES BEYOND  
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THE ONLY  
PACIFIER WITH  
INDIVIDUAL  
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ORDER YOUR  
STOCK AT ONCE.  
GOOD PROFITS  
ASSURED YOU.

**F. SCHUTZE & CO. Ltd.**  
BLACK BULL WORKS, LONDON, N.7

All over the World  
They are Acclaimed  
the Favourite of  
HIS MAJESTY THE BABY



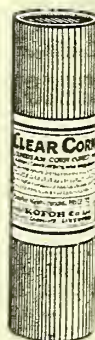
## REDUCED RATES—

No. 2. 3 1/2 d. size 2 1/1 doz.  
No. 2c. 4 1/2 d. " 2 8 1/2 "  
No. 3. 6d. " 3- "

Sample Order, 3 dozen  
assorted, sent 7/9 post free.

Obtainable from all Wholesalers  
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*Sells like hot cakes!*



# "CLEAR CORN"

— 7 1/2 D. —

**GUARANTEED  
CORN REMOVER**

Hermetically sealed —  
no trouble with leakers

ORDER. 3 doz. and 3 bonus; Cost 13/6—Profit 10/10 1/2

ORDER. 6 doz. and 9 bonus; Cost 27/-—Profit 23/7 1/2

CARRIAGE PAID—PACKING FREE  
DISPLAY MATERIAL—SHOWCARD AND TWIN-TIER  
OUTER CONTAINING 12

Order Direct or through your wholesaler

**KOF-OH Co., Ltd.**

MANUFACTURING CHEMISTS  
EVERTON - LIVERPOOL



## DISPLAY AND SELL

*Elastoplast*  
ELASTIC  
PLASTER

Patent No. 253527.

Regular Turnover  
with Big Profit  
for You in these  
New Lines.

ATTRACTIVE  
DISPLAY CARDS.

Assorted Dressings.  
3d. and 6d. for 3  
Dressings.  
Retail Value - 6/-  
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ELASTOPLAST is acknowledged the ideal Dressing by the Medical Profession, Sportsmen, Motorists and the general public. If you have not yet tested its selling possibilities, give it a trial now.

Here is a splendid selling line which has found a ready market both in the Medical World and amongst the public, because ELASTOPLAST is the only pliable, self-adhesive Dressing in the Country.

It is neat and comfortable in use, and accelerates healing to a remarkable degree.

ELASTOPLAST forms the base of a range of Speciality Dressings expressly designed to meet every possible need of nursing or first-aid.

The chief feature of all ELASTOPLAST products is the pliable, self-adhesive base material which can be instantly applied to any part without the aid of other Bandages, remains always in position, and yet allows perfect freedom of movement. The wise chemist who stocks and displays ELASTOPLAST will quickly reap the benefits of this increasing trade movement.

ELASTOPLAST BANDAGES are used extensively in the treatment of varicose veins and ulcers, sprains, dislocations, fractures, etc., being made of a specially woven resilient material combined with antiseptic adhesive; they provide firm support yet allow free movement and are easily applied.

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ATTRACTIVE COMPOSITE  
OUTERS. Assorted Dressings.  
3d. and 6d. Cartons and Envs.  
Retail Value 16/- Trade Price 10/8.

**ORDER NOW** from your Wholesaler supplies of this tried and proved selling line.

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**T. J. SMITH & NEPHEW, LTD.**

Surgical Dressings Manufacturers

**NEPTUNE STREET, HULL**

And at LONDON, GLASGOW and MANCHESTER.

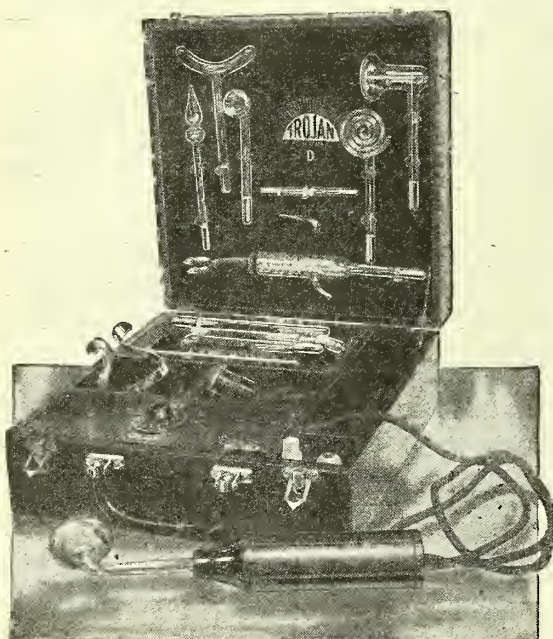
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You cannot sell your customers a better High Frequency Outfit than the Trojan. Recommended by beauty and hair specialists, Trojan Outfits are absolutely dependable and can be easily operated by an entirely inexperienced person.

THE TROJAN DEFINITELY CURES Rheumatism, Sciatica, Lumbago, Gout, Insomnia, Neuritis, Asthma, Bronchitis, Catarrh, Nervousness, Headaches, Pleurisy, Colds in the Head, Neuralgia, Sore Throat, Falling Hair, Skin Diseases, Chilblains and innumerable other ailments.

If you do not already stock the Trojan—write us NOW for particulars of our scheme for selling 20 sets a week!

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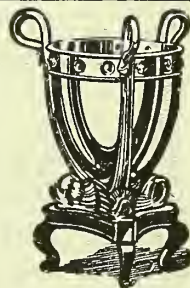
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88 New Bond St., W.1  
*The "International" Microscope*  
IMPROVED MODEL  
2 Eye Pieces.  $\frac{1}{2}$  &  $\frac{1}{4}$  Object Glass  
Magnifying Power 50 to 420 diams.  
In case with lock and key.  
Sent free to any part of the World on remittance of  
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*The Lancet says:*  
"We can conscientiously recommend it to all who really want a useful instrument."

Enquiries invited for all other kinds of Microscopes, Optical and other scientific instruments.

15 GOLD MEDALS  
16 GRAND PRIX

*In the last  
5 years  
the sales of*



**TOWN TALK**  
LIQUID SILVER POLISH  
& SILVER PLATE CLOTH  
have increased  
**3 Fold**

Get your share of the trade by ordering from

JAMES WOOLLEY, SONS & CO., Ltd.,  
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AYRTON, SAUNDERS & Co., Ltd., Liverpool  
BROOKS & WARBURTON (American Drug Supply Co.), Ltd.

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# We Are Still Executing Orders

for the

# LACARNO

MEDICATED  
TOILET  
ROLL

## WHY !!!

BECAUSE IT IS ONLY OBTAINABLE  
FROM THE CHEMIST

**COSTS**  
**3<sup>d</sup>.**  
**SELLS at**  
**6<sup>d</sup>.**

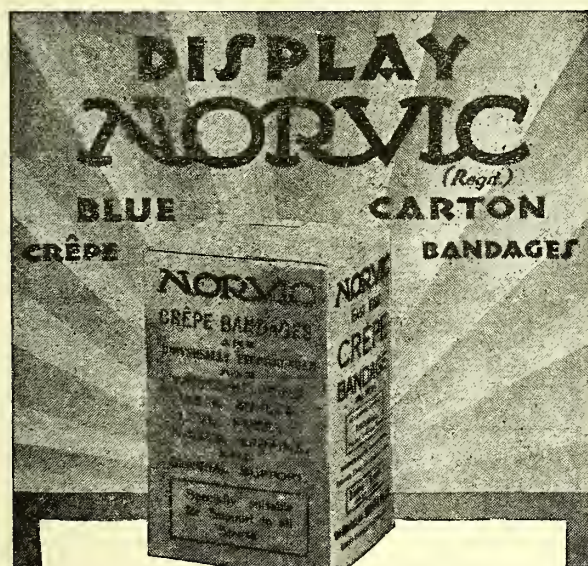
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650 SHEETS  
PURE WHITE  
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PAPER.  
12 oz. ROLLS.

FREE  
DELIVERY.  
PACKED IN  
CARTONS.  
SAMPLE  
ROLL FREE.

Sole Manufacturers:

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LIMITED,  
VICTORIA PAPER MILLS,  
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Contractors to H.M. Government.



**DISPLAY NORVIC**  
(Regd.)  
**BLUE CARTON CREPE BANDAGES**

	2"	2½"	3"	3½"	4"
Cost	12/-	15/3	18/3	21/3	24/3 dozen
Sell	1/6	1/11	2/3	2/8	3/- each

Stocked by all the leading wholesalers  
Sole Manufacturers:  
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**Best sellers**  
The public is asking  
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**CLINICAL**  
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because they are:-  
**GUARANTEED TO**  
**STAY ACCURATE**  
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**SUTTLEY & SILVERLOCK, LTD.****THE CHEMISTS' PRINTERS****92 BLACKFRIARS ROAD, LONDON, S.E.1**

beg to draw your attention to the following lines which are good value for money

Greaseproof Bags			Glazed Demy, No. 394		Photo Window Bills	
$\frac{1}{4}$ lb. Size	.. 4/-	1,000	17 $\frac{1}{2}$ × 22 $\frac{1}{2}$ , 16 lb.		2 sorts, Black on Yellow,	
$\frac{1}{2}$ " "	.. 4/9	"	1 Ream .. 5/2		or Black on Crimson	
1 " "	.. 5/6	"	5 Reams at .. 4/10		6 different wordings,	
2 " "	.. 7/-	"			1/9 per set	
Unwrapped Skillet			Cheap Glazed Brown		TOILET ROLLS. Per Gross	
1 oz. Size	.. 7/3	1,000	Kraft, 20 × 30, 17 lb.		Crepe .. .. 30/-	
2 " "	.. 8/-	"	1 Ream .. 5/6		Pure Sulphite .. 46/-	
4 " "	.. 9/-	"	5 Reams at .. 5/3		Imitation Bronco .. 65/-	
16 " "	.. 10/-	"			Showcards supplied free.	

TERMS:—5% Monthly. Paper, 5 reams and over, Carriage Paid.

Before buying your advertising calendars for 1931, ask us to forward our set for your inspection. Prices are reasonable, and the pictures and designs unique.

We shall be pleased to supply you with samples and quotations of any printing you may be requiring.

*Ask our travellers to show you samples of the above*

**CELLOPHANE**

The ideal **transparent** wrapping **absolutely** harmless, air and grease proof, as used by all the leading Perfumers, Soap Manufacturers, etc., etc., for wrapping Soaps, Drugs, Tablets, Bath Crystals, Perfumery, Surgical Dressings, Sponges, Puffs, Soothers, Tooth Brushes and all Articles of Toilet.

Cellophane can be had in sheets, all sizes and colours; also in the shape of **Bags, Discs, Envelopes** printed or not, allowing the contents to be seen by transparency.

Cellophane wrapped goods **look better—keep better—sell better.**

Cellophane **protects, beautifies,** and adds the quality touch.

*Prices, Samples and Particulars from*

**The CELLOPHANE COMPANY LTD.**  
7, 8 and 9 Bird Street, LONDON, W.1

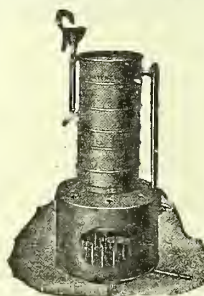
Also 305-7 PRODUCE EXCHANGE, MANCHESTER.  
35 MILLER STREET, GLASGOW.

We stock **DECORATED TINS** for:—

**Ointments -  
Brilliantine  
Health Salts**

Kindly write for free samples and prices.

**THE CALDICOT TIN STAMPING WORKS LTD.**  
CALDICOT, Nr. CHEPSTOW, Mon.

**DISTILLED WATER**

Brown's Stills are perfectly automatic. Can be run night and day without attention. Patented in U.K. and Continental Countries.

Extraordinarily efficient and economical. Made for gas, steam, oil or coke fire heating.

Full particulars and prices free on application

**BROWN & SON,**

Alembic Works,

Wedmore Street, Holloway, N.19



# INGRAM'S "AGRIPPA" THE TEAT WITH THE GREEN BAND

Each Teat in  
a separate  
Hygienic  
carton.

One dozen in  
new Display  
Box.



3 Shapes now  
available put up  
in Philaphane  
cartons :—

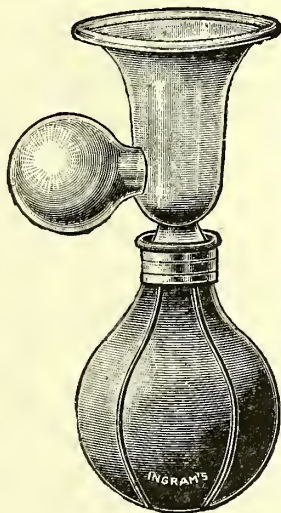
"Agrippa"

"Cherry-Top."

"Bulb-Top."

ON THE P.A.T.A.

## INGRAM'S "FIG. 29" BREAST RELIEVER



The original and  
perfect shape  
Breast Reliever,  
and recognised as  
the "Standard"  
of the world.

Made of "Ingram  
Quality Rubber,"  
mounted with  
glass with re-  
ceiver.

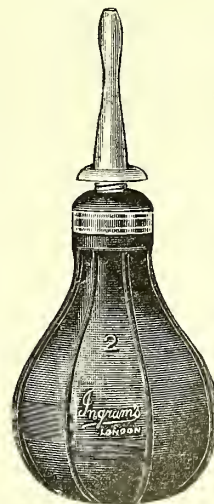
In three sizes,  
2, 3, 4 oz.  
Boxed Complete

## INGRAM'S "FIG. 193" INJECTION SYRINGE

The original and  
perfect Injection  
Syringe, Standard  
pattern.

The Bottle is made  
of "Ingram Qual-  
ity Rubber," en-  
amelled any  
colour, mounted  
with bone rectum  
pipe.

Sizes :  $\frac{1}{2}$  to 16 ozs.  
Boxed Complete



Obtainable through all Wholesale Houses

# J. G. Ingram & Son, Ltd., Hackney Wick, E.9

Makers of Surgical Rubber Products for over 80 years.





## This BEAUTIFUL SHOWCARD...

will attract every dog owner  
to your window

A painting by Arthur Wardle has been reproduced in full colours on a bevelled Showcard, measuring 10" x 8". Every third person who passes your Pharmacy is a dog owner and will willingly give some attention to this picture

## BOB MARTIN'S TASTELESS CONDITION POWDERS

A complete range of Bob Martin dog preparations can be had for

**18/4**

The retail price of this parcel is £1 7s.—and the display material sent with it includes the Showcard, dummy display outers and counter slips.

The contents of the

DISPLAY **18/4** PARCEL are:

2 doz. 6d. Bob Martin's Tasteless Condition Powders			
1 doz. Small Strength	1/10½		
1 " Medium	3/9		
1 " Large	1/10½		
		s.	d.
1 doz. 6d. Distemper Powders	...	1	10
" 6d. Worm Powders	...	1	1½
" 6d. Worm Tablets	...	1	1½
" 1/- '92 Ointment	...	2	3
" 6d. Cleansur	...	1	1½
" 6d. Chalk Blocks	...	2	3
" 6d. Antiseptic Dog Soap	...	1	1½

Carriage paid in the United Kingdom ... **18 4**

**BOB MARTIN LTD.**

Dog Medicine Manufacturers since 1892

**SOUTHPORT Lanes.**



# THEY catch flies YOU catch profits

with

# WASP FLYBAND

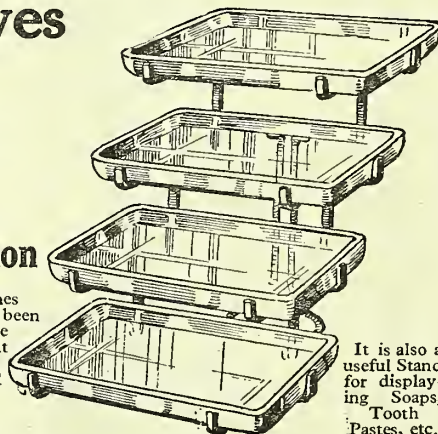
- THE WORLD'S BEST FLY-CATCHER

The Wasp Flyband way is the quickest, surest and most hygienic way of destroying flies. Every customer satisfied. Stock always fresh and saleable. Profits good and brisk. Order your supplies NOW.

Manufactured by  
**F. W. HAMPSHIRE & CO. (1927), LTD.,**  
SUNNYDALE WORKS - DERBY.

## Solves the Tooth Brush Question

Tooth Brushes have always been a difficult line to serve, but with the aid of this Stand customers can serve themselves.



No. CDSF 2851—Very attractive **COUNTER DISPLAY STAND**. Constructed of mild steel finished Silver colour and complete with four clear glass trays size 11½ x 7 x 1 in. Each tray is slightly sloped rendering the goods easy to see and select from. The overall height is 15½ in., width 12 in., back to front 15 in.

**22/6** each complete.

Send for a copy of our new full 48-page List  
No. CD 1180, free on request.

**DUDLEY & COMPANY LIMITED**

**451 Holloway Road, London, N.7**

City Showrooms: 65-66, Fore Street, E.C.



# 68<sup>3</sup>/<sub>4</sub>% PROFIT

## ON OUTLAY

## AND NOW IN 1/- TUBES

*Stock NOW—the Special Bonus  
Offer expires on June 7th.*

The Kamberol season has started. Every day you delay means loss of sales—and perhaps even the loss of the Special Bonus Offer. The introduction of the 1/- size tube also means the still further widening of Kamberol's appeal as the only effective remedy giving complete protection against insect bites for several hours.

### 1/4 dozen Tubes FREE

with every 2-dozen order of the 1/- size Tubes means that on an outlay of 16/- you will reap a clear profit of 11/-—a return of 68<sup>3</sup>/<sub>4</sub>%.

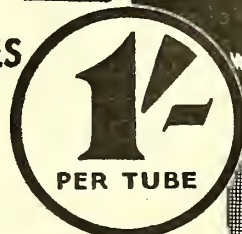
**STOCK UP AT ONCE, and  
make sure that you are in time  
for the demand and the bonus.**

# KAMBEROL

**PREVENTS AND RELIEVES INSECT BITES**

**MEGGESON & CO LTD**

**Bermondsey  
London SE16.**



**Wholesale  
Price  
8/- per dozen.**



INVENTORS

**Small Rotary Pill Cutting Machine & Piping Press.**

ASK YOUR AGENTS FOR PINDAR &amp; CO.'S MACHINES—ORIGINAL MANUFACTURERS.

This is a Machine specially constructed for the use of Chemists or Manufacturers of small quantities of Pills. Capacity about 5 lbs. per hour. Can be used on Counter or where little space can be spared. The Piping Press and Machine occupies a space of 2 ft. by 1 ft.

These Machines make one size Pill. By means of extra Plates and Rollers any size of Pills can be made.

Extra Plates and Rollers  
to fit Machines, £4 5 6.

Price, the two machines, £12.

**SMALL LEVER HAND TABLET MACHINE, 60 TO 80 PER MINUTE, £7 15**

Power Tablet Compressing Machines, Coaters, Complete Pill Plants, End Runner Mills for Ointments, Linseed Grinding Mills, Tincture Presses, Emulsifying Machines, Percolators, &amp;c., Mixing and Kneading Machines, Drying Ovens, Hand Pill Machines.

**COLD COMPRESSION SUPPOSITORY MACHINES.****SUPPOSITORY AND PESSARY MOULDS, LIP SALVE MOULDS, Etc.****J. W. PINDAR & CO., LONDON, S.E.4.**

Works: ENDWELL ROAD, BROCKLEY, LONDON, S.E.4.

Telegrams: "Pindar, Brockley, S.E."

Telephone: 1065 New Cross.

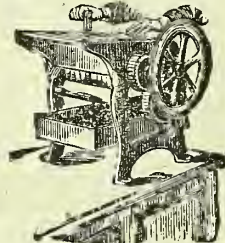
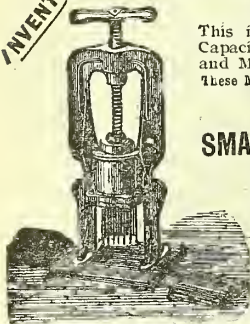
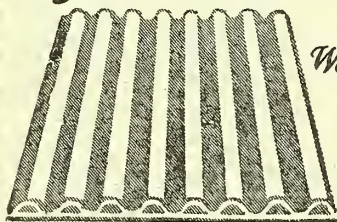
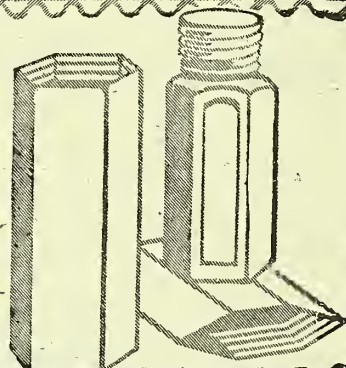


Fig. B. No. 2.

**ROTARY CUTTING MACHINE****PIPING PRESS.****Corrugated Packing  
Materials Co., Ltd.**4, Ambrose St.,  
West Gorton, Manchester**BOXES, CARTONS,  
PARTITIONS, &c.**

for all purposes.

PHONE :  
EAST 0401.WIRES :  
"CORRUPAPER,  
MANCHESTER."

# Corks

OF EVERY  
DESCRIPTION.

Send us your Enquiries,  
and compare our prices.

WHOLESALE &amp; EXPORT.

**C. OLLEY & SONS, LTD.**

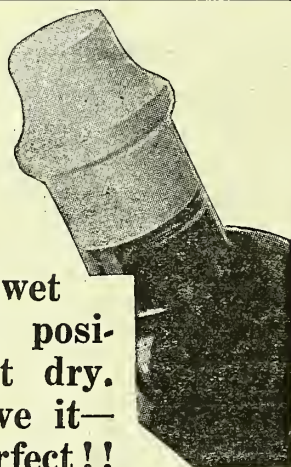
ESTABLISHED 1844.

Camperdown St., and Gt. Alie St., London, E.1.  
Tel. No. : Royal 2868. Tel. Add. : "Circumference, Ald, London."**METALLIC CAPSULES**

for all purposes.

**The Tonkin Metallic Capsule Co.**

Proprietors - C. Olley &amp; Sons, Ltd.

all you  
have to  
do—is to place a wet  
"Viskap" in posi-  
tion. Let it dry.  
There you have it—  
Sealed! Perfect!!**VISKAP****HERMETIC SELF-FIXING  
BOTTLE CAPS**The Viscose Development Co., Ltd.  
Woldham Road, Bromley, KENT.

Telegrams: "Viscose, Bromley." Telephone: Ravensbourne 4561.





## ROBINSON'S CHESTERFIELD for CARDBOARD BOXES

ROUND • OVAL • SQUARE • FOLDING

ROBINSON & SONS LTD.  
CHESTERFIELD & LONDON



## SALES-MAKING CARTONS

Goods well packed are half sold, and easier selling means more sales. Your own preparations attractively packed will sell considerably better.

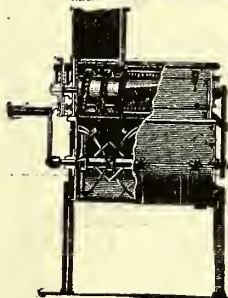
Send for samples and prices.

**ROBINSON & SONS, Ltd.**

Manufacturers of ROUND, OVAL, SQUARE AND FOLDING  
CARDBOARD BOXES,

**CHESTERFIELD**

# perfect blending



Gardner's "Rapid" Sifter and Mixer gives a perfect blend. The special Internal Agitator ensures accurate sifting and mixing of materials, irrespective of the diversity of their proportions; if necessary, 100 lb. can be perfectly blended with hundredweights.

**GARDNERS  
Patent "RAPID"  
SIFTER & MIXER**

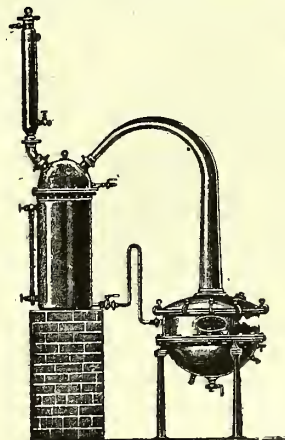
Write us for list of  
Ball Mills, Disintegrators,  
Millstones and  
Mills, Drum Sieves,  
Drying Machinery, etc.

**Wm. GARDNER & Sons (Gloucester) Ltd.**  
**Bristol Road - Gloucester**

Tel. Gloucester 2288 (2 lines).

Grams: Gardner, Gloucester.

We are exhibiting at the Chemists' Exhibition, May 26th-30th, at the  
New Royal Horticultural Hall, Westminster, S.W.1.



**STILLS, VACUUM STILLS, VACUUM PANS.**

EVAPORATING PANS  
AUTOClaves AND DIGESTORS.

**SPECIAL APPARATUS AND PLANT  
FOR MANUFACTURING CHEMISTS.**

Sole Makers of Bennett's Patent "Ideal" Annular  
Film Condensers. Shears' Patent Mulser.

**BENNETT, SONS & SHEARS, LTD.**

Engineers & Copper-smiths

43 & 44 Shoe Lane,

LONDON, E.C.4

# 2 GOOD THINGS TO KEEP IN MIND

1

COME AND SEE US AT

**STANDS 74, 75, 76**  
**CHEMISTS' EXHIBITION**

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Always Use Illingworth's

## SLOGAS

because it gets the best out of their none-  
too-good negatives and doesn't waste.

**THOMAS ILLINGWORTH & CO., LTD.**  
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we are desirous of extending our D. & P. Business.*

*Our Expert Staff under the control of a first-class  
Professional Photographer ensures work of the  
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**SAME DAY SERVICE. P.D.A. TERMS**

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In Two Volumes.

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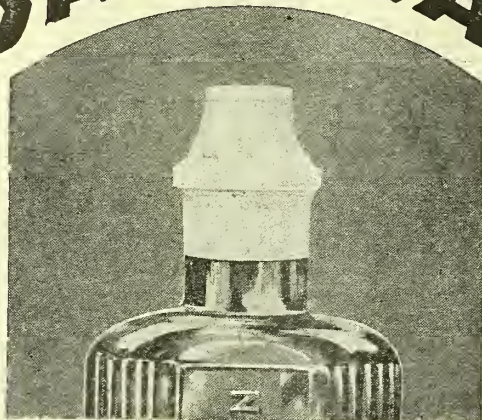
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**DRY BOTTLE CAPS****Superfine  
Self-sealing  
Distinctive****All sizes and  
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*Australasian Agent—FRANK HAMBRIDGE, 22 Bridge Street, Sydney.***DRY. SELF-FIXING. ALL SIZES.***Finest Quality and Appearance.***Bottle Caps**

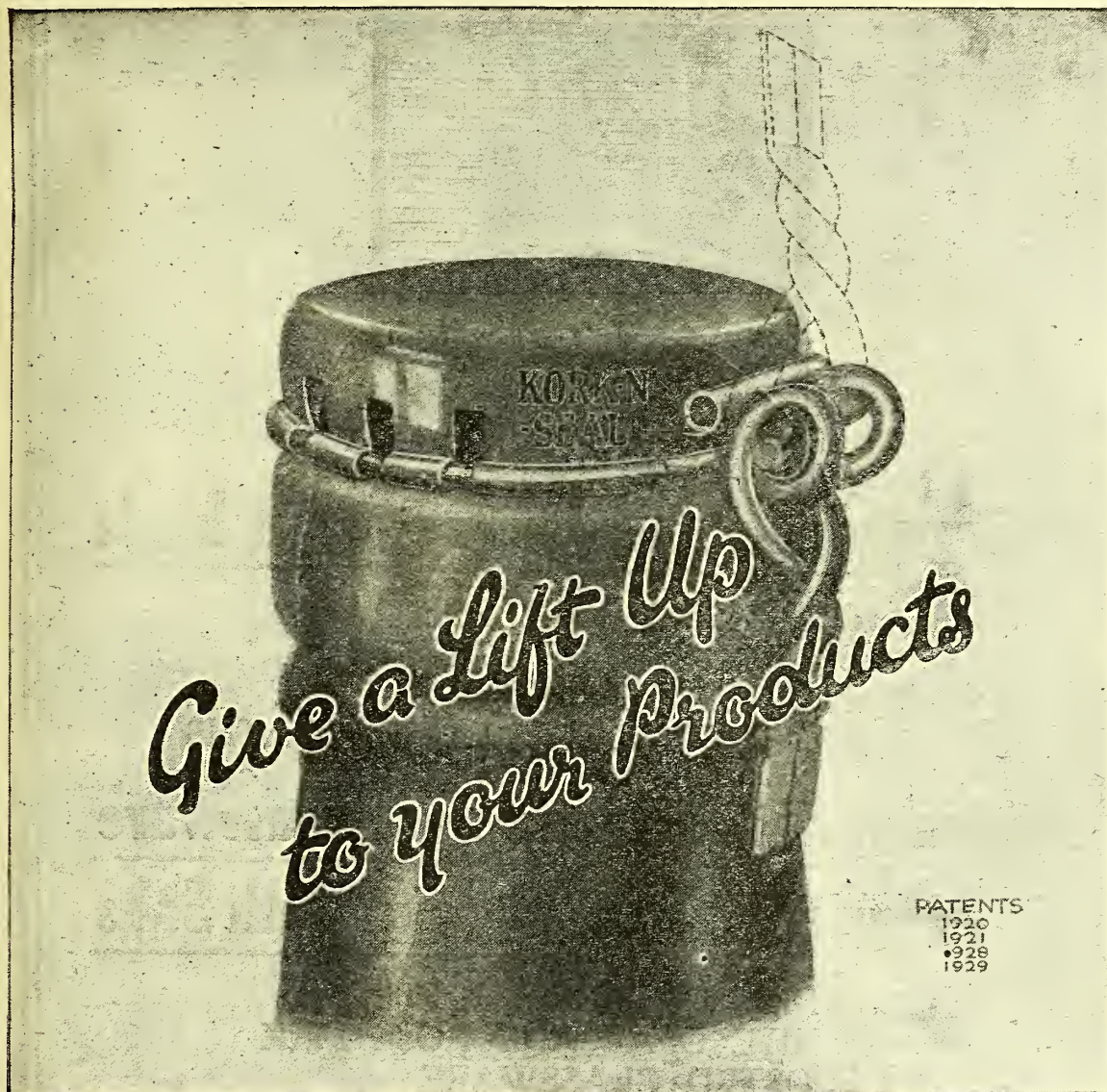
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LONDON, E.C.3.***Phone : Royal 8327.***KARL HÖLL A.G.****Langenfeld near Cologne. Germany****EXPORT TO ENGLAND SINCE 1884.***Manufacturers of:—***TUBES of all kinds,  
plain and decorated.****SPRINKLER TOPS of  
all sizes and styles.****IMPORTANT:** When asking  
for quotations send samples already used and  
state quantities required. Goods will arrive  
in 3-4 days with direct steamer from Cologne.**GLASS  
BOTTLES****LARGE STOCKS OF  
MACHINE-MADE DISPENSING  
PHIALS, PANELS, COUGH MIXTURES, &c.****LOW PRICES QUOTED ON APPLICATION.****FREDK. YOULDON** (Formerly Proprietor of E. Youldon.  
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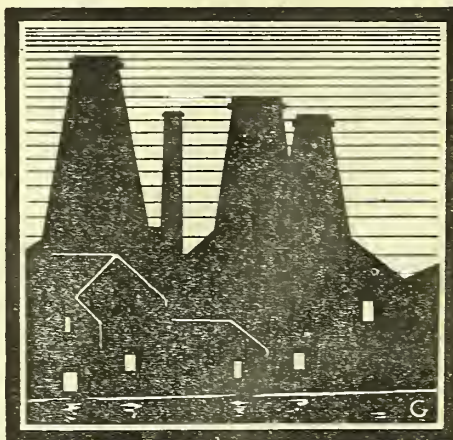
The perfect Seal and Reseal for Glass and Tin Containers. British made throughout at our own works, Charlton, S.E.7.

**KORK-N-SEAL LTD.**

Manufacturers of Aluminium and Decorated Tin Closures of every description.

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## Pharmaceutical Glassware of all kinds

DISPENSING BOTTLES  
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SPRINKLER NECK BOTTLES  
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### Colours

WHITE FLINT, MEDICAL TINT, PALE GREEN,  
ACTINIC GREEN, AMBER, BLUE and ART COLOURS

*All our Manufacture is of the Highest Quality*

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(ESTABLISHED 1828)

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**ENGLAND**



# THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.  
LONDON, W.C.2

MAY 24, 1930

*This Supplement is inserted in every copy of The Chemist & Druggist.*

## THE CHEMIST AND DRUGGIST SUPPLEMENT

### REVISED ADVERTISEMENT TARIFF.

Businesses Wanted and for Disposal, Premises to Let, Goods for Sale and Agencies—6/- for 50 words; every additional 10 words or less, 6d.

SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d.

SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d.

Legal Notices, Tenders, Auctions, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column).

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EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/-.

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In each case replies may be addressed to a registered number or non-de-plume, c/o this Office, at a charge of 1/- extra for each advertisement.

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All Advertisements are prepaid, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

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Telegrams : "Chemicus, Strand, London."

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May be consulted at their Offices on matters of Sale, Purchase and Valuation

1.—LONDON, N.—Old-established General Retail Business in good-class district; returns were £2,400, but under management have fallen to £1,750; well-fitted pharmacy, fully stocked; six-roomed house, bathroom; private entrance; 21 years' lease; price £1,100.

2.—KENT (Few Miles Out).—Old-established Dispensing Business; Kodak Agency; returns are approximately £4,000, with net profit of £1,000; audited accounts; estimated value of stock and fittings £1,400; good living accommodation; held on lease at rental of £70 yearly; would accept valuation terms; further details on application.

3.—SOUTH LONDON.—Cash Retail Business, with Kodak Agency; turnover last year about £1,950, with net profit approximately £600; single-fronted shop; stock and fixtures worth £625; 15 years' lease; net rent £46; house sub-let; price £1,100.

4.—EAST END.—Old-established Cash Retail and Dispensing Business, with Kodak Agency and N.H.I.; situate in busy main road; returns about £4,500 per annum; large double-fronted shop, well fitted and stocked; flat over; long lease; quick sale essential.

5.—LONDON, S.W. (Suburban).—General Retail and Dispensing Business; returns, last year, under management, exceeded £2,000, with net profit £530; scope for increase under personal supervision; rent £120 per annum; sub-let £95; long lease; price £1,500; £1,000 down and the balance by instalments.

6.—ELEPHANT AND CASTLE (Near).—General Retail Business, with N.H.I.; established many years; net profit, after paying manager's salary, £540; double-fronted corner shop, well fitted in mahogany and amply stocked; held on lease; rent £90; sub-let 50s. weekly; price asked £1,500; scope for increase under modern management; premises occupy a very good position.

7.—METROLAND.—General Retail Business, with Kodak Agency; established by vendor about seven years ago; returns, 1929, £1,470; double-fronted shop, in main road, very well fitted and stocked; convenient living accommodation, recently redecorated; net rent £85; held on lease; price to be arranged.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account by which means alone Profit, the Value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes confusion and loss.

8.—HERTS.—General Retail Business; returns last year £2,634, with net profit £711; double-fronted shop; main road; very well fitted; stock worth £1,060; valuable lease; terms, one year's net profit plus value of stock and fittings; owner retiring.

9.—SOUTH COAST (First-class Position).—Good-class Retail and Dispensing Business; established many years; returns exceed £2,850, with gross profit approximately £1,200; double-fronted shop, well fitted and stocked; extremely good house, which can be sub-let to cover the whole of rent if so desired; long lease; price to be arranged; this business offers scope for increase under more modern management.

10.—THANET.—General Retail and Dispensing Business, with Kodak Agency; returns £3,800 per annum (£800 from Optical); double-fronted corner shop, fitted in mahogany and well stocked; rent £80 per annum; private house available if required; vendor will sell the Chemist's business apart from Optical if so desired; our client is desirous of selling forthwith and will meet a purchaser reasonably; further details on application.

11.—SOUTH WALES.—Old-established Business; very much neglected since death of owner; scope for large increase under personal supervision; double-fronted shop, well fitted in mahogany; large house; private entrance; vendor is desirous of selling forthwith and will meet a purchaser reasonably.

12.—SUSSEX.—General Retail and Dispensing Business; established many years; returns under management about £1,200 per annum, with scope for increase under modern supervision; 21 years' lease will be granted at £100 per annum; living accommodation; price £850.

13.—BOURNEMOUTH (Near).—Cash Drug Store, with Post Office and Tobacconists; returns from Drug Store £1,500 per annum; combined net profit £450; living accommodation; new lease will be granted; price asked £1,500; part payment entertained.

14.—DORSET COAST.—Cash Retail and Dispensing Business; average turnover £3,500 per annum; net profit about £900; large double-fronted shop, in good position, well fitted and stocked; good living accommodation, with greenhouse and private entrance; long lease; net rent £100; price £3,250, or offer.

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*Ernest J. George*

*3 St. Paul's Close  
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'PHONE : WALSALL 3774



## The Association of Manfg. Chemists, Ltd.

Business Agency, Transfer & Valuation Department

Head Offices—Kimberley House, Holborn Viaduct, London E.C.1 (and at 2 Bixteth Street, Liverpool).

PARKIN S. BOOTH, Valuer. Phone: City 1251-2-

### BUSINESSES FOR DISPOSAL

- 1.—LONDON, S.W.—For immediate disposal, very old-established Chemist's Business; double-fronted lock-up shop and basement; held on lease 14 years, to run at rental of £100 per annum; Dental Surgery at rear let off at £60 per annum; returns average £50 per week; stock approximately £1,000; price for quick sale £1,650 all at. (39)
- 2.—LONDON, N.7.—Old-established Optical Business, combining recently established Pharmacy, held on lease with 14 years to run at a rental of £250 p.a., of which £135 is let on lease; returns £28 per week; very large shop, dispensary and sight-testing room, situate in busy main road; no opposition for some distance. Further particulars on application. (42)
- 3.—LEEDS.—Old-established Business for quick disposal, situate in busy main thoroughfare; returns average £30 per week; property for sale, consisting of 2 houses and one shop; one house sub-let at 10s. 6d. per week; price for property £950; price for business £550, all at. Further particulars on application. (37)
- 4.—LIVERPOOL.—General Retail Business, with N.H.I.; established many years; turnover for year ended March 31 £1,340, plus N.H.I. £380; with capable supervision this could be considerably increased; tenancy yearly at rental of £75 per annum, plus rates; price asked £500, plus stock at valuation (approximately £475). (40)
- 5.—LONDON, S.W.—Recently-established Retail Dispensing Business premises on 15 years' lease at £150 per annum, of which part is sub-let at £104 per annum; returns 1929, £1,952, all cash; Kodak and U.C.A.L. Agencies; price for quick sale £1,100 all at, or £750, plus s.a.v. (approximately £425). (41)
- 6.—LIVERPOOL.—Business and Property for Sale in busy thoroughfare; returns average £20 per week and about 800 N.H.I. per month; rates £22 16s. 11d. per annum; single-fronted shop; large back room and six good living rooms. Further particulars on application. (34)
- 7.—SURREY.—Good-class, well-established Family Retail Dispensing Business, with Kodak Agency; situate in high-class residential suburb, premises consisting of corner shop with excellent dwelling accommodation; held on lease 14 years at £150 per annum; shop well fitted and up-to-date high-class stock carried; returns average £40 per week; price for quick sale £2,000, or £500 lease and goodwill, plus stock and fixtures at valuation. (36)

## BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

- 1.—YORKS (pleasant country town).—Sound unopposed Light Retail, with property, for early disposal; returns average £2,150; net profit over £500; excellent house, large garden, garage; price, with property, £2,000; can arrange £1,000 mortgage.
- 2.—MANCHESTER.—High-class Light Suburban Retail, in best residential suburb; returns £35 weekly; net profit £360, clear; central position; good house; stock and fixtures worth £900; price £1,100, or near offer; only needs seeing.
- 3.—GRIMSBY.—Profitable Light Cash Retail, returning £1,400; net profit £375, audited accounts; handsomely fitted and fully stocked; owner ordered abroad; price £875; two-thirds can remain on mortgage.
- 4.—CHESHIRE.—Unopposed Light Country Retail, returning about £1,000; good profits; plenty of scope; good house attached; every convenience; illness sole cause of sale; price, with freehold, £1,050.
- 5.—NORFOLK.—Unopposed Mixed Village Business, returning last year £1,059; sole cause of sale health reasons; good eight-roomed house, garage and over quarter-acre of fruit and flower garden; stock and fixtures worth £500; price £600.
- 6.—NORTH LONDON (few miles out).—Genuine Mixed Drug Store; established many years; returns £2,500; net profit close on £500, audited accounts; large shop, with house attached; fully stocked; price £1,600; fine chance for qualified Chemist.
- 7.—GOLDERS GREEN.—Good-class Family Retail and Dispensing Business; returns, under manager, £2,000; excellent profits; handsomely-fitted shop, with flat over; long lease; price £1,550, or offer.
- 8.—WIMBLEDON.—Well-established Light Suburban Retail; neglected through ill-health; present returns £15 weekly; can be doubled; main road position; held on lease at profit rental; price £650.
- 9.—LONDON, S.E.—Sound Cash Retail, with Kodak Agency and N.H.I.; returns £1,560; net profit £480; audited accounts; house attached; low rent; long lease; fully stocked; price £1,150.
- 10.—LONDON, S.W.—Good-class Family Retail, with good Photo trade and Panel; returns about £2,000; large modern-fitted shop, good position, and fully stocked; long lease; low rent; price £1,500, or small goodwill and valuation.
- 11.—WEST MIDDLESEX.—£700 secures a good-class Suburban Business; present returns £23 weekly; scope for increase; modern well-fitted pharmacy, with house attached; family reasons necessitate a speedy sale.

Estab. 1870.

Telephone: Terminus 3574.

## BANK LOANS to CHEMISTS

### When Buying A Business or Partnership Consult Us

We are not Transfer Agents, but we arrange GUARANTEED LOANS with the LEADING BANKS for qualified Chemists who require Capital.

The Banks charge 1% over Bank Rate (minimum 5%).

Repayment of Loans can be spread over 5, 6, or 7 years. (Note: Income Tax Abatement may be obtained on the Interest paid, thus bringing the present Net Interest Rate down to 4% per annum approx.)

NO PERSONAL SURETIES or GUARANTORS are required. We arrange the necessary guarantees by insurance with a FIRST CLASS INSURANCE COMPANY for whom we act as SOLE AGENTS for this business.

All Enquiries receive the immediate attention of the Principals.

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CHEMISTS' VALUER and TRANSFER AGENT  
135 Queen Street, Newton Heath, MANCHESTER

"A REPUTATION BEHIND EVERY TRANSACTION."  
VALUATIONS. STOCKTAKING.  
BUSINESSES FOR SALE AND WANTED.

"Expert Service," Quick Results. (Tel: Falsworth 113)

## BUSINESSES FOR DISPOSAL.

**BIRMINGHAM** (Near Centre).—Good-class Retail, with Kodak Agency; fine, spacious, newly-fitted shop; imposing double front with excellent display space; extensive premises; long lease; returns under manager average £1,400, increasing; plenty scope proprietor; no goodwill; price at valuation stock and fixtures; stock adjusted suit purchaser. 127/20, Office of this Paper.

**BLACKPOOL**.—Chemist's Business and Property for Sale through illness; thickly populated district and capable of development; property consists of double-fronted shop and good living accommodation, at present sub-let £1 per week; stock, fixtures and premises all at £1,250. 123/12, Office of this Paper.

**BOURNEMOUTH** (Suburb).—Exceptional opportunity for a qualified Chemist; Drug Store, established over five years; small capital needed; main road; unopposed; double-fronted; mahogany fittings; reason for sale, other interests; full investigation invited; opening for N.H.I. and Optics; surgery close by; no goodwill required. Particulars, "C/o," 543 Wimborne Road, Winton, Bournemouth.

**CENTRE BIRMINGHAM**.—High-class City shop with Kodak Agency; modern, double-fronted, lock-up shop; good lease; returns under manager average £2,430 at very good gross profit; proprietor could double; £250 goodwill, valuation stock and fixtures (about £600). 127/200, Office of this Paper.

**CHANNEL ISLANDS**.—Small but sound and profitable Business, capable of considerable increase; established 36 years; little opposition; cash trade; good prices; very low rates and taxes; double-fronted shop; well stocked; four good sized rooms over, and cottage at rear used as store; reasonable lease arranged; good introduction given to purchaser; owner retiring from chemist's retail. Write BM/EXE3, London, W.C.1.

**DEVON**.—Returns £800-£850; lock-up shop; main tram route; electric light; double-fronted; profits work out at £250-£275; long lease; sound reason for disposal; price £400 or near offer for quick sale. 127/11, Office of this Paper.

**ESSEX** (12 Miles Charing Cross).—Opportunity of life-time; recently established; growing neighbourhood; no opposition; returns £16 week; indifferent elderly management; rent £100; agreement; live wire could double returns at once; opening Photography, Optics; well fitted and stocked; good house; garage; price £700; stamp for reply. 125/56, Office of this Paper.

**ESSEX**.—General Retail; working-class district; N.H.I. Kodak; returns £1,300; gross profit £480; good living accommodation; price £850; would let on lease at £52 per annum or sell freehold for £650. 127/18, Office of this Paper.

**HASTINGS**.—Very old-established Chemist's and Druggist's Business; capital premises, main business thoroughfare, near sea; owner retiring; considerable scope; rent £130; price, goodwill, fixtures, £450; stock at valuation. Full particulars, R. T. Glenister, F.A.I., 35 Havelock Road, Hastings.

**HERTFORDSHIRE** (30 miles from London).—Growing Business, with Kodak Agency and N.H.I.; nearest opposition 4 miles; healthy locality; with living accommodation; rent £1 per week; or as lock-up shop; average takings £15; price, all at, £275, or nearest offer for quick sale. 123/24, Office of this Paper.

**LONDON, S.W.**—Light Suburban Retail; held on lease; shop used as lock-up; good house attached; scope for increase; suit beginner or lady; genuine business; returns £1,200 at good prices; price asked, year's net profit and stock and fixtures at valuation, about £650. 125/6, Office of this Paper.

**LONDON, S.W.**—For immediate disposal by private treaty, well-established personality and Dispensing Business; situated prominent business position in good-class residential district; returns 1929 £1,415, with profits well above the average, and with considerable scope for increase by more energetic man; rental £60 on valuable lease (14 years to run); excellent living accommodation and private entrance; Kodak Agency; well fitted and stocked; price £1,250. Bona-fide applicants willing to come and view please write "J. M." 125/9, Office of this Paper.

**LONDON, S.E.** (Main Thoroughfare).—General Retail and Dispensing Business for Sale; Kodak Agency; good Photographic connection; N.H.I. about 3,500 per annum; returns last year £1,640; increasing; good stock and fairly well fitted; rent covered by sub-let; price for quick sale £925. 127/7, Office of this Paper.

**LONDON, S.W.**—Genuine opportunity for energetic person; large-fronted shop in main road; large population and increasing; general scope all round; incomings exceed rent and rates; ill health cause for early disposal. 127/27, Office of this Paper.

**MANCHESTER** (Near).—Chemist's Business for Sale; takings £625, at good prices; N.H.I. 120 per month, increasing; at present under management; under personal control could be greatly increased; double-fronted; electric light; good living accommodation; rent £59 (sublet £38), rates £21; fittings include National Cash Register; stock £160; price, in all, £275. 104/22, Office of this Paper.

**MANCHESTER**.—Light Retail, Dispensing and Photographic Business in good-class suburb; commodious premises; Kodak Agency; splendid opening for Optics; average last two years £1,200; excellent house accommodation, with separate entrance; rent £56; lease may be arranged. Apply 126/10, Office of this Paper.

**MANCHESTER**.—Good-class Retail Business on main road; only opened a few weeks; excellent position; lease; good living accommodation; recently decorated; present takings £10 per week, plus N.H.I.; considerable scope for increase; good reason for selling; will accept valuation of stock and fixtures, or fixtures only £50. 126/1, Office of this Paper.

**MIDLANDS**.—An exceptional opportunity for a progressive Pharmacist to secure a Business in a corner position in busy main road; a D. & P. department is attached, value of output last year £1,400; turnover of pharmacy business (under management) about £2,500, but capable of £4,000 and upwards; 16-year lease, with option, at £150; price for complete proposition about £3,000; this includes an expensive D. & P. outfit and stock, also stock, fittings in pharmacy department. Full particulars and introduction to examine will be given to bona-fide inquirers. Other commitments sole cause of sale. Ernest J. George, 3 St. Paul's Close, Walsall.

**NEAR HULL**.—Industrial; profitable; main road; £50 weekly plus good N.H.I.; R.P.U. valuation or agreed, £700 to £800. Apply "Genuine," 122/14, Office of this Paper.



**PLEASURE RESORT** (Essex Coast).—Good-class Business in growing district; Kodak Agency; handsomely-fitted shop; returns average £1,250; stock and fittings worth £600; new lease at £120 per annum; good scope for Optics; 6-roomed modern house with garden; price £800; owner retiring. 125/40, Office of this Paper.

**SOUTH COAST**.—Small private limited company for disposal; average turnover £3,500 per annum; net profit £890; auditor's certificate; principal street; large double-fronted shop; spacious house; back entrance; long lease at very moderate rental; first offer over £3,000 secures. Apply 171/103, Office of this Paper.

**SOUTH WALES** (growing residential area).—Family Retail and Dispensing Business; small Optics connection, can be increased; Medicated Wine Licence; rent and rates £130 per annum, including excellent living accommodation; turnover £2,000; lease; price £1,200 all in, or near offer. Fuller details to bona-fide buyers. 171/104, Office of this Paper.

**SOUTH YORKS**.—Chemist's Business; good position; main road; opened 18 months; taking approximately £14 to £15 weekly, increasing; could do considerably more; Kodak Agency; small rooms over; low rent; new lease for long period; splendid opportunity; thickly populated; valuation, stock and fittings (no goodwill), or lump sum offer. 124/3, Office of this Paper.

**S.W.**—SMALL, well-stocked and fitted Pharmacy in busy main road; takings about £1,000, under management; rent £56; sub-let £91; Kodak Agency; could be improved considerably under personal supervision; price for quick sale £650, or near offer. 127/17, Office of this Paper.

**CHEMIST** and Druggist's Business for Sale; Kodak Agency; splendid position; main road, marketing centre, Surrey; under management; suitable owner; near station and bus terminus; ill-health cause of sale; no agents. Particulars, 122/33, Office of this Paper.

**CHEMIST** Business; Kent seaside resort; double-fronted, with accommodation; steady trade; well stocked; rent £40 per annum; rates £16 per annum; turnover per annum approximately £600; low price for quick sale. Apply 122/31, Office of this Paper.

**GENUINE** small Business in S.E. London; old-established; good position in main road; make capital branch shop or suit young qualified man; low rent and rates; good lease; good house and garden; nicely-fitted shop; price £425 or reasonable offer. Further particulars from 126/19, Office of this Paper.

**LOCK-UP** Drug Stores in well-populated district; excellent opportunity for qualified man to do N.H.I. Prescriptions; no opposition; fully stocked; taking at present £12 per week, which can be easily increased; rent 15s. per week; price, including stock, fittings, etc., £160; bargain. P.C.B. 56/28, Office of this Paper.

**OPPORTUNITY** occurs for Pharmacist with £700 capital to acquire growing Business in busy town 30 miles from London; present turnover nearly £40 per week; splendid scope for Optics; large shop in main street, with living accommodation. Full particulars on application, giving bankers' references. 124/11, Office of this Paper.

**£195.** MIDLANDS, for quick sale; working-class district; main road; Kodak, N.H.I.; turnover £500; good profits; excellent living accommodation; takings could be doubled. 123/26, Office of this Paper.

**£250** CASH, balance of £245 by arrangement; Essex seaside resort; nice little recently established Business on main road; increasing; turnover now averaging about £550 per annum; easily double in season, which is just commencing; excellent house and garden; valuable lease; moderate rent. Further particulars from 126/29, Office of this Paper.

**£2,000** RETURNS.—South Coast town; main road; good Dispensing and Family trade; double-fronted, well-fitted shop and good living accommodation; long valuable lease at low rent; good scope for increase. Apply 125/29, Office of this Paper.

*We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an Advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.*

## BUSINESSES WANTED.

**ADVERTISER**, who is disposing of his business towards the end of the year, would like to hear of a sound Family Business (with negligible opposition) in small town in Somerset, Wiltshire or Dorsetshire in good healthy locality, for disposal about that time, showing net profit of at least £400 per annum. Replies will be treated in strictest confidence. 116/12, Office of this Paper.

**BERDOE & FISH** are in immediate want of sound Businesses up to £4,000, and cordially invite correspondence from intending vendors. We have a large number of cash buyers waiting, and are able to negotiate sales quickly and without publicity. Transfer Offices, 41 Argyle Square, King's Cross, W.C.1.

**BUSINESS** wanted, South or South-West England preferred or Gloucestershire district; net profit about £500, with scope for increase; private pharmacist; cash waiting. Replies (in strict confidence) to 125/25, Office of this Paper.

**PHARMACIST** wishes privately negotiate purchase old-established provincial Business (preferably Home, Eastern or Southern Counties) yielding net profit of £600-£1,000 per annum. Confidential particulars, business and property in strict confidence to "Anglian," P.C.B. 56/24, Office of this Paper.

**S.E. LONDON** (or near).—Good-class Suburban Business with B.E. room for expansion; good position essential; or would be prepared to consider new premises. Particulars (in confidence) to "W. F. B.," "Four Gables," Edward Road, Bromley.

**SMALL** Business or Drug Store required by elderly pharmacist. State rent, tenancy, turnover, rates, and price. Apply 123/30, Office of this Paper.

**WANTED**, small or medium Business. Apply S. Evans, 11 Hawthorn Way, Cambridge.

**WANTED**, first-class Chemist's Business; London Suburbs or South of England, with living rooms; cash available up to £3,000; must show good profits. Particulars in confidence to Preston, 29 Ludgate Hill, E.C.

## AGENCIES.

**IMPORTERS** of Pharmaceutical Specialities and Proprietary Medicines, established 7 years, with connections in the domestic trade, want offers from a few first-class English or Continental firms desirous of developing their businesses; English and Spanish correspondence; exclusive territory; bankers' references. Isalas G. Lopez & Co., Box 899, Bogota, Colombia, South America.

**OLD-ESTABLISHED** firm require Agents, with connection, Chemists, to carry remunerative side line, Medicinal Lozenges; good commission, small salary; competitive; all parts United Kingdom. 170/999, Office of this Paper.

**TO MANUFACTURERS**.—If you are dissatisfied with your present arrangements for India and the East, a reliable firm in India is looking for a Sole Agency; first hand knowledge of the Drug, Toilet and Perfumery Markets; representative now in London for a short period. 117/6, Office of this Paper.

**TRAVELLER**, 50 years' connection with Chemists, Grocers, Stores, desires additional Agency. Write in first instance to 171/101, Office of this Paper.

## PREMISES TO LET.

**CHATHAM**.—Fine Shop in very best position High Street; best shopping district of West Kent, serving population 200,000; lease for disposal; suitable for Chemists; amongst all multiple firms. Write 129 High Street, Chatham.

**BOW ROAD, E.**—Situate in a fine position opposite the District Railway Station; spacious Shop and Basement to be Let on lease; suitable for a Chemist's Business. For full particulars apply Mark Liell & Son, 94 Bow Road, E.

**SALE, CHESHIRE**.—Shop to be Let; best position; already fitted up for Chemist; good living accommodation. Particulars, F. G. Whitehurst, 41 Corporation Street, Manchester.

## PREMISES FOR DISPOSAL.

**EAST HAM, E.6**.—Premises for disposal; suit Optician or Chemist; modern front; large shop; three rooms; shop interior smartly decorated; good-class neighbourhood; shop situated in main road; premium £400 (or offer); rent 30s. per week; must be disposed of. Apply Stern, 138 Barking Road, E.16. Phone: Albert Dock 1713.



**LEGAL NOTICE.****MODERN PHARMACY PRODUCTS.**

THE Partnership between H. Nyfield and A. D. Gibbs having been dissolved, take notice that this business is now being carried on under the Sole Proprietorship of Mr. A. D. Gibbs.

(Signed) H. NYFIELD,  
83 Maury Road, N.16.

**SALES BY AUCTION.**

By order of Manar's Pure Drug Co., Ltd., on account of disposal of lease.

10 HIGH ROAD, WOOD GREEN.

The remaining

STOCK OF MANAR'S PURE DRUG STORES, including a large assortment of Chemists' Sundries, Drugs, Patent Medicines and Medical Appliances; Scents and Perfumes; Brushes, Shampoos, Soaps and General Toilet Requisites; Cameras and Photographic Sundries; also the SHOP FITTINGS, including three glazed Wall Showcases mounted on pedestals of drawers and cupboards, Dispensing Screen, glass-fronted Counters, Counter Cases, Silent Salesmen, Glass Rounds, and Miscellaneous Items.

**B. NORMAN & SON**

will Sell by Auction on the Premises on Thursday Next, May 29, at ONE.

On View Day Prior. Catalogues of the Auctioneers, 5 Little Britain, London, E.C.1. Tel.: National 6463.

**EXETER.**

FOR Sale by Auction, June 11 next, the Freehold Business Premises, 65 Sidwell Street, together with Fixtures and Goodwill of old-established Chemist's Business, successfully carried on by the late Mr. Charles Botting for over 40 years. Particulars of S. R. Force & Sons, Auctioneers, 15 Sidwell Street, Exeter.

**APPOINTMENT.****KENT COUNTY COUNCIL.****PUBLIC ASSISTANCE DEPARTMENT.**

THE County Council invites applications for the following appointment in the Public Assistance Department:—

**BROMLEY INSTITUTION.****DISPENSER.**

Salary £200 per annum, together with lunch and tea provided when on duty.

It is proposed that a contributory pension scheme shall be applicable to the appointment.

The successful candidate will be required to pass a medical examination.

Forms of application, together with a list of duties, may be obtained from the Public Assistance Officer, Sessions House, Maidstone, to whom applications, accompanied by not more than three recent testimonials, are to be sent by not later than Saturday, the 31st May, 1930.

W. L. PLATTS,

Clerk of the County Council.

Sessions House,  
Maidstone.

**PARTNERSHIPS.**

IN SCOTLAND OR ENGLAND.—Scots Pharmacist of good appearance, education and character requires partnership with middle-aged pharmacist in well-established business with Dispensing connection; advertiser has had 14 years' good-class experience in Scotland and London West-End; capital £1,500; thorough investigation asked for and given; would consider purchase outright or a "succession" Managership. Reply (in strictest confidence), stating name and address of business only in first letter to "Straight-forward," 125/26, Office of this Paper.

**APPRENTICES.**

APPRENTICE required for high-class Family and Dispensing business; outdoors; easy hours; time for study arranged. W. Browne & Co., 509 Finchley Road, Hampstead, N.W.5.

APPRENTICE wanted immediately; one who has passed Part I preferred; good training guaranteed; month's trial. Rees, Pharmaceutical Chemists, 224 Coldharbour Lane, S.W.9. Tel.: Brixton 1051.

**SITUATIONS OPEN.****RETAIL (HOME).**

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BIRMINGHAM.—Haywards (Birmingham), Ltd., have vacancy for capable Junior Assistant. Apply to 90 Aston Road North, Birmingham.

BRISTOL.—Wanted, qualified Junior for middle-class business; good Salesman and Window-dresser; also qualified Chemist-Optician, J.C.Q.O. Apply, stating age, salary required, and when disengaged (photo). Apply 123/38, Office of this Paper.

**ESSEX COUNTY COUNCIL.  
BLACK NOTLEY SANATORIUM.****Appointment of Dispenser-Clerk (Female).**

THE County Council of the Administrative County of Essex invite applications from fully qualified persons for the above appointment at their Sanatorium for the treatment of tuberculosis at Black Notley, near Braintree. The Sanatorium provides accommodation for the treatment of approximately 180 cases of pulmonary and non-pulmonary tuberculosis in women and children.

The person appointed will be required to reside at the Institution, and the salary will be at the rate of £100 per annum, plus board-residence and laundry, and will rise, subject to satisfactory service, by annual increments of £10 to a maximum of £150 per annum.

The appointment will be subject to one month's notice on either side.

Applications should be made to the County Medical Officer of Health, Prudential Buildings, Duke Street, Chelmsford, on or before Monday, the 26th day of May, 1930.

JOHN H. GOOLD,  
Clerk of the County Council.

Shire Hall, Chelmsford.  
9th May, 1930.

LONDON, N.—Unqualified Junior Assistant required in good-class Retail and Dispensing business; good all-round experience and Window-dressing. Apply, stating age, experience and salary required; photo if possible. L. A. James, 47 Windmill Hill, London, N.

LONDON, N.W.—Senior qualified Assistant required for a high-class Dispensing business. Applicants will kindly give full particulars of previous experience, and state age, height, and when disengaged. Apply "A," 170/996, Office of this Paper.

LONDON, S.W.—Young, unqualified Assistant for relief work, 1 July 19 to August 2 inclusive, also August 25 to September 6 inclusive. State age, experience, and give references. 123/31, Office of this Paper.

LONDON, N.W.—Qualified Assistant in Family, Dispensing and Photographic business; one willing to have an increasing financial interest until sole owner; must be well up in all branches and a hard worker; experience and references in first letter. "Omega," 126/36, Office of this Paper.

LONDON, W.—Qualified Assistant for about three months from early June; tall, good appearance; Salesman. State salary required, references and experience. Also Unqualified Junior for North London. Write to BM/VCLL, London W.C.1.

LONDON, N.W.—Wanted, an experienced, capable Assistant with a thorough knowledge of Herbs and Elastic Hosiery; must be interested in business and willing to increase scope; exceptional opportunity for live man. 127/22, Office of this Paper.



### NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

**MANCHESTER.**—Qualified Manager wanted, preferably married, age 30-35, for branch with large N.H.I. and busy Counter trade; salary £5 per week and generous commission; only thoroughly experienced men not afraid of work should apply; to commence July 14; if satisfactory 3 years' contract will be required. 122/10, Office of this Paper.

**MIDDLESEX.**—Smart, unqualified Assistant wanted in new business; Window-dressing, Photography, Dispensing and Counter. Apply by letter, giving particulars of age, experience, etc., and salary required. F. C. Highfield, Pharmaceutical Chemist, 3 Lampton Corner, The Great West Road, Hounslow.

**NEW FOREST, HAMPSHIRE.**—Wanted, lady Assistant; Dispensing and Photographic (not D. & P.). Martin, Pharmacist, Brockenhurst.

**SUFFOLK.**—Manager required for Family Business; must be up-to-date Window-dresser; knowledge of Agricultural business an advantage; bonus, commission and house; state experience and salary required; also age and when at liberty. 125/201, Office of this Paper.

**SURREY.**—Manager required, with first-class all-round experience; must be well educated and capable of handling a good-class business; good house with splendid garden attached; one hour from London; bonus and commission offered with free house; state salary, age, height, and enclose photograph. 125/20, Office of this Paper.

**A.A.A.**—CAPABLE Junior (male) wanted, end of May; near London; must have had first-class experience; interview essential. Apply, giving full particulars, salary, etc., to 124/9, Office of this Paper.

**A** CAPABLE and energetic lady Assistant wanted, reliable Dispenser and with Retail experience, for quiet mixed country business. Please apply, with full particulars and state salary required (outdoors), to W. A. Senior, Bourton-on-the-Water, near Cheltenham.

**A** ASSISTANT for a few months; qualified; male; between 25 and 30 years of age. Apply C. Dickinson, 119 South End, Croydon.

**A** ASSISTANT or good Junior for middle-class Dispensing and Photographic business. State experience, references, and salary required. Revill, Chemist, 193 Kettering Road, Northampton.

**A** ASSISTANT (male) required for good-class Dispensing business; no N.H.I. Apply, giving full particulars of experience, age, salary required, etc., Dring, Chemist, Teignmouth, Devon.

**C** APABLE Junior required; neat, accurate Dispenser; age 21-23. Apply, giving experience and references. Those unanswered in five days respectfully declined. Wage £2 10s. Gray, Chemist, Barnes, S.W.13.

**C** HEMIST.—Experienced, qualified Manager required for good-class business in Scotland for one or two years. Apply, with full particulars, 171/100, Office of this Paper.

**C** HEMIST'S Assistant, male or female; experienced; references essential; permanent; immediately. Sidebottom, Queen's Square, Blackpool.

**E** LDERLY qualified for seaside resort; light duties; part time; permanency. Apply, with full particulars, salary required, 126/32, Office of this Paper.

**J** UNIOR Assistant wanted (male) for first-class Chemists' business, with knowledge of Photography. Apply Brewer & Marston, 44 Cophall Avenue, E.C.2.

**L** ADY Chemist required, June 9; Midlands; Light Retail and Photographic; permanency. Apply, with usual particulars and photograph in first instance, to 121/24, Office of this Paper.

**L** ADY Assistant for small Pharmacy on East Coast; July, August and September; Counter and Photographic (not D. & P.); Dispensing experience not essential. State age, salary required, and usual particulars. 126/6, Office of this Paper.

**Q** UALIFIED lady Assistant for Light Retail, Dispensing and Photographic business in Yorkshire; one who desires a permanency; light duties and easy hours. Reply, with photo if possible and usual particulars, to Manager, 39 Bradford Road, Brighouse, Yorks.

**Q** UALIFIED male for good old-established mixed country business. Please give particulars as to age, salary, experience, and when disengaged, enclosing photograph if possible, to Fletcher, Chemist, Eckington, Sheffield.

**Q** UALIFIED Manager required for small working-class business. Full particulars, age, salary required, etc., to Robinson, Chemist, Horsefair, Kidderminster.

**Q** UALIFIED Junior (indoor) for good-class business; accurate Dispenser, good Counterman and Window-dresser; knowledge of Photography; no Sunday or night duty. State age, experience, and full particulars. Applications unanswered in three days respectfully declined. David Anderson, Chemist, Crouch End, N.8.

**U** NQUALIFIED Junior (male), single, accustomed to Window-dressing, Counter, N.H.I. and D. & P. work, for middle-class general business in country; sound worker; used to clean, up-to-date shop. Usual particulars, with salary required (outdoors), and when disengaged. H. Briggs, Chemist, Horbury, Yorks.

**U** NQUALIFIED Assistant; must have good Dispensing and Counter experience. Please state age, salary and experience. James McKee, 51 Greenford Avenue, Hanwell, W.7.

**U** NQUALIFIED lady, also qualified lady, in good-class West-End business. State experience, age, salary required, and enclose photograph. 125/200, Office of this Paper.

**W** ANTED, qualified Locum for middle-class business, Staffordshire, from August 13 to September 14 inclusive; must be good Dispenser and quick at Counter. Note.—Replies must enclose photograph and references, and state salary required (to live out). 122/30, Office of this Paper.

**W** ANTED, qualified Chemist; commencing salary £4 15s. per week; quick Dispenser, good Salesman and Window-dresser. J. H. Smith, 61 Stroud Green Road, London, N.4.

**W** ANTED, a smart Qualified Man, good Counterman and well up in Toilet articles, for Kingston district. "Pharmacist," 4 Stratford Road, Kensington, W.8.

**W** ANTED, for middle of June, qualified Assistant; young, tall, gentlemanly; used to high-class business; knowledge of Toilet and Photographic Goods essential. State salary and experience, etc. Barton, 163 Lord Street, Southport.

**W** ANTED, smart, unqualified Junior; West-End experience essential, with knowledge of Toilet and Perfumery; salary and commission. Write 171/106, Office of this Paper.

**W** ANTED at once, Unqualified Assistant for town in Cornwall; must be experienced in Counter work and Window-dressing. Apply, giving references and particulars, to 127/12, Office of this Paper.

### WHOLESALE.

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

**E** STABLISHED Wholesale Warehouse have vacancy for smart Salesman for Counter; must be orderly Stock-keeper, good appearance, able to control staff; knowledge of all Patent Medicines necessary. Apply, giving full particulars as to past experience, wages required, if disengaged, to "R.13," 171/105, Office of this Paper.

**R** EPRESENTATIVE, country, wanted by London Wholesale Druggists. Reply, giving full particulars of experience, etc., to "Galen," 171/102, Office of this Paper.

**S**PECIALITY Salesmen wanted to sell nationally advertised Toilet Preparation. What we want is men with the real flair for salesmanship—order makers, not order takers. Good remuneration to the men who can justify these requirements. Apply (in strict confidence), giving full selling record, age, salary required, etc., to 170/997, Office of this Paper.



**TOILET TRADE.**—Wanted, Representatives who can show successful selling career. The only applicants considered will be those who have had association with leading firms, established knowledge of the business and proved selling success; equitable and progressive remuneration to selected candidates. State age, full experience, salary required (in confidence) to 170/998, Office of this Paper.

**TRAVELLERS** wanted for new patented article successfully selling in Chemists and Stores. Write, giving lines carried, districts covered, and unimpeachable credentials and testimonials, 170/1000, Office of this Paper.

**TRAVELLERS** required on commission only to sell high-class Hot Water Bottles, Rubber Gloves, Sponges, etc.; only those with already established connection amongst Ironmongers and Hardware Dealers need reply; all territories open, excepting London, Lancashire, Yorkshire and Scotland; important, state territory covered. Write "Rubber," c/o Dixons, 195 Oxford Street, London, W.1.

**30s.** a week and commission on ready-selling article as side-line; bears handsome profit to retailer and sells readily where introduced; Salesmen, good connection Chemists, Grocers, Stores, etc., would find this lucrative line. References, stating exact territory covered, to Adan, Manufacturing Chemist, 60 George Street, Aberdeen.

### (COLONIAL, INDIAN AND FOREIGN.)

**EAST AFRICA.**—Wanted, qualified Chemists' Assistant; single; age 35 to 40; all-round experience, including Photographic; good health; abstainer preferred; 3 years' agreement; commencing £35 monthly, with bonus prospects; passage paid. Send photo with details record, copies testimonials. Davis & Soper, Ltd., 54 St. Mary Axe, London, E.C.3.

## SITUATIONS WANTED.

### RETAIL (HOME).

**A.A.A.A.**—SMART; unqualified; age 32; super display-man; original ideas, showcards, back-grounds, etc.; Counter, Dispensing, Photographic; unimpeachable references; good-class experience; capable of taking charge. "Sinapis," c/o Condy, U'Ren & Son, Cobourg Street, Plymouth.

**A.A.A.A.**—SCOT, 240 Albion Road, Stoke Newington. Unqualified Assistant; Locum or permanency; 6 years' experience; good references.

**A.A.A.A.**—QUALIFIED Chemist; 26; male; Optics, own test case; experienced; references; as Manager; permanency. 124/30, Office of this Paper.

**A.A.A.**—QUALIFIED, age 28, married, 14 years' excellent all-round experience, London and South Coast, desires permanency; any capacity; disengaged. Dyson, 50 Queen's Road, Brighton.

**A.A.A.**—LOCUM; qualified; high-class experience and well recommended; booking for June, July and August; London only. Phone: Riverside 2199.

**A.A.A.**—QUALIFIED, 27, experienced, reliable, desires position within 20-mile radius Newcastle (Tyne); Manager or Assistant; permanency preferred; free one month. 125/7, Office of this Paper.

**A.A.**—YOUNG lady desires post with Chemist; experienced Book-keeper, Typist (help Counter if required); excellent testimonials. 125/37, Office of this Paper.

**A.**—LOCUM; excellent experience and references to date; moderate terms; vacancies May, June, July. "Reliable," 72 Roseneath Road, Urmston, Manchester.

**A.** LOCUM; qualified (M.P.S.); long experience in all branches; active; excellent references. "S. C. J.," 54 Priory Road, West Hampstead, N.W.6. Phone: Maida Vale 8212.

**A.** QUALIFIED lady; Dispensing, N.H.I., Counter, Window-dressing, D. & P.; can take full charge; permanency. Miss Lurie, 8 Lancaster Road, N.W.3.

**A.** THOROUGHLY competent unqualified Assistant seeks permanency in good-class business; highly recommended; 8½ years' all-round London experience. Warnell, 8 Farnham Road, Seven Kings, Essex.

**A.** S Locum; qualified; disengaged till June 5; June 9 to 30, July 21 to August 2. "Pharmacist," 98 The Grove, Ealing, W.5.

**A.** S Manager; M.P.S., F.B.O.A., J.C.Q.O.; excellent successful experience; keen business man; married. 126/23, Office of this Paper.

**A.** SSISTANT; experienced Dispenser and Salesman; active; accustomed to manage; middle-aged; unqualified. "Statim," c/o Mrs. Port, 2 Norman Villas, Station Road, Hawkhurst, Kent.

## PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

**A.** SSISTANT; unqualified; experienced; Locum or permanent; can manage; disengaged. "Statim," 72 Tremadoc Road, Clapham, S.W.4.

**A.** SSISTANT; tall; smart; obliging; unqualified; 22; highest references; exceptional knowledge of seaside seasonal trade, N.H.I., Optical, Photographic and Window. Clark, "Worcester," Stornoway Road, Southend-on-Sea.

**A.** SSISTANT; unqualified; thorough knowledge general routine; Windows. Photography, Prescribing; 17 years last post. R. Slee, 106 Fifth Avenue, W.10.

**A.** SSISTANT (25), Part I, tall, dark, smart appearance, desires change; liberty any time; capable Dispenser, Counter, Window-dressing; London, provincial experience; good references. Welsh, c/o Robinson, Chemist, 295 Highfield Road, Hall Green, Birmingham.

**A.** SSISTANT, unqualified, aged 22, Part I, wants season's engagement, June to October; capable Dispenser, Window-dresser and Salesman; will accept first reasonable offer; any district; excellent references. Fiel, 10 Joynson Street, Bury New Road, Manchester.

**A.** SSISTANT, 20, desires change; West End preferred, though not essential; highest references. Write "H.," 24 Rowan Road, W.6.

**A.** T liberty, qualified 1919, 35, abstainer, Provincial, West-End experience, Photographic, desires Management or Senior; South preferred; excellent references; married; two young children. "Civility," 26 West Square, London, S.E.11.

**A.** T ONCE.—Qualified; 24; unmarried; experienced; reliable; busy middle-class business preferred. "Chemist," 182 Plashet Grove, East Ham, E.6.

**B.** RISTOL OR NEAR.—Qualified; elderly; good experience and references; any capacity. "Chemist," 46 Fairfield Road, Bristol.

**C.** HEMIST'S Assistant, unqualified, desires change; good Dispenser; excellent Salesman; splendid ideas in Window-dressing; thorough knowledge of Photography, D. & P.; highly recommended. 127/16, Office of this Paper.

**C.** HEMIST (40), married, reliable, references, as Manager with view to succession (or Locum); London and all-round experience; at liberty. "Chemist," 38 Coleshill Road, Chapel End, Nuneaton.

**D.** ISENGAGED; 12 years last situation; good Dispenser, Counterman, Window-dresser; well recommended; energetic. "Unqualified," 51 Norlington Road, Leytonstone, E.11.

**D.** ISENGAGED.—Assistant or Locum; high-class West-End experience. Arthur, 62 Caldecot Road, Denmark Hill, London, S.E.5.

**D.** ISENGAGED (Hall), lady, seeks re-engagement; Chemist or Doctor; last position with Chemist two years. Franklin, "Broadhurst," Clacton, Essex.

**E.** XPERIENCED Assistant; tall; Scot; unqualified, but competent; 20 years first-class Dispensing, Counter, Photo; quick, clean, accurate; disengaged; permanency desired. Johnstone, 48 Bushey Grove Road, Watford.

**G.** ENTLEMAN, M.P.S., age 24, good appearance and address, desires change, W. or S.W. London; 6 years' varied experience in all branches; good Dispenser and Prescriber; smart Counter-hand and Window-dresser; excellent references; free one month. 123/18, Office of this Paper.

**G.** ENTLEMAN, qualified, young, desires post as Manager; London and Provincial experience; highest testimonials. 125/16, Office of this Paper.

**L.** ADY Dispenser (Hall) requires post anywhere; excellent experience in Hospitals and with Doctors. 65 Mayfair Avenue, Ilford, Essex.

**L.** ADY Dispenser, experienced, seeks post, Doctor, Chemist or Institution (Hall qualification); capable Manager and Book-keeper, etc. Westbourne Lodge, Harold Road, Clacton-on-Sea.

**L.** ADY Dispenser, Assistant (Hall); experienced; temporary or permanent; Bristol, Weston, Worcester area; good references. 127/13, Office of this Paper.



**L**ANCASHIRE or Yorkshire essential; Assistant, unqualified, aged 23, five years' experience, excellent Dispenser, Window-dresser and Salesman, requires locum or permanency; good references. Copple, 181 Sussex Street, Broughton, Salford.

**L**OCUM booking dates forward. Alec. Whitehouse, "The Larches," Annesley, Notts. Or permanency near York.

**L**OCUM; qualified; experienced; R.P.U. reference; capable; reliable. "Pharmacist," 34a Golders Way, N.W.11.

**L**OCUM, qualified, 30, open for engagement; London or South of Thames preferred. 122/29, Office of this Paper.

**L**OCUM; Relief; Manager; "not registered"; 20 years' experience; Panel, Counter, Prescriber, Salesman. "Smart," 130 Scott-Ellis Gardens, N.W.8.

**L**OCUM; unqualified; 24; disengaged June 14; Bristol, Western or near; state salary. Davies, 50 Manor Park, Redland, Bristol.

**L**OCUM; qualified lady; disengaged; London area; experienced. Pett, 730 Old Kent Road, S.E.15.

**L**OCUM, or otherwise; thoroughly conscientious worker; disengaged; any distance; unqualified. "C.," c/o Mr. Priest, 150 Weston Park, N.8.

**L**OCUM; permanency; season engagement; good all-round experience; excellent references; good appearance. "Birmingham," 93 Islington Row, Birmingham.

**L**OCUM; qualified; disengaged now till June 7; registered R.P.U. "F.," 119 Fairlands Avenue, Thornton Heath.

**L**OCUM; unqualified; age 23; 7 years' London experience. Wingfield, 9 Iderton Road, S.E.16.

**L**OCUM or Manager; 37; disengaged; first-class experience; Pharmacy and Photography; excellent references. A. W. Findlay, 62 Lillie Road, Fulham.

**L**OCUM; qualified; young; experienced in all branches; London or provinces; few open dates; take charge. 125/12, Office of this Paper.

**L**OCUM; qualified; at liberty June 7 for about 6 weeks; well recommended. "Pharmacist," 16 Blacklands Road, Catford, S.E.6.

**L**ONDON.—Recently qualified Assistant, 23, desires situation; excellent references and experience; disengaged. H. Williams, 12 Carlisle Road, N.W.6.

**L.T.**—EXPERIENCED; competent; reliable; highly recommended; reasonable terms; town or country; vacant dates, June 4 to 21, July 7 to 20 inclusive. "Locum," 165 Brecknock Road, N.19.

**M**ANAGER desires situation; London or South of England; married; free one month after engagement. 123/13, Office of this Paper.

**M**ANAGER or Assistant; qualified; Bart's experience; Counter, Dispensing and Photography; now disengaged; Locum work accepted; moderate salary. 124/1, Office of this Paper.

**M**IDDLE-AGE unregistered Locum requires engagements from June; experienced; reliable. Bradley, 84 Arlingford Road, S.W.2. 'Phone: Brixton 1795.

**M**IDLANDS.—Qualified, experienced Locum; disengaged June 2-14. "B.," 10 Waterfall Lane, Blackheath, Staffs.

**M**IDLANDS.—M.P.S. would like situation at a moderate salary with view to purchase business; interview. 125/4, Office of this Paper.

**M.P.S.**: 27; tall; Manager or Assistant; Locum or permanency; keen; capable; excellent references; free now. 124/2, Office of this Paper.

**M.P.S.**, Square trained, all-round experience, at present studying Optics, requires Locum engagements. W. H. Davies, c/o S. Rowland James, Ltd., Wholesale Druggists, Orchard Street, Swansea.

**M.P.S.**, good all-round experience, courteous, good address, at present with Chemist-Optician, desires post; part-time considered; West Riding preferred. "Chemist," 49 Wensleydale Road, Bradford, Yorks.

**P**HARMACIST, just disposed of own business, desires Locum work or Managership; London or near. 125/23, Office of this Paper.

**P**HARMACIST and Optician; F.S.M.C., F.B.O.A. (Hons.), keen, capable, energetic, trustworthy, would entertain temporary position; permanency preferred; disengaged until June 13, after July 7. "J.C.Q.O.," 17 Gratwicke Road, Worthing.

**P.H.C.**, with 40 years' of high-class experience, wishes a position as Manager. 125/8, Office of this Paper.

**Q**UALIFIED; 25; 3 years' good general London experience; excellent references; Manager or first Assistant; disengaged. 126/21, Office of this Paper.

**Q**UALIFIED; elderly; active; moderate salary. "Chemist," 2 Sunnyside Street, London, S.E.26.

**Q**UALIFIED lady desires situation; permanent or Locum; reliable, capable; good experience; Dispensing, Photography, Counter; moderate salary. David, "Hawthorns," Llanbarran.

**Q**UALIFIED, 23, with London experience, requires position on coast for the season. 123/36, Office of this Paper.

**Q**UALIFIED Assistant, 28, experienced, conscientious, seeks progressive post in good-class pharmacy or Managership of small business. 123/33, Office of this Paper.

**Q**UALIFIED Chemist and Optician (F.B.O.A., registered J.C.Q.O.) requires situation, June, preferably to take charge of Optical Department; smart and capable; well experienced in all branches of both Pharmacy and Optics; excellent references; London or suburbs. 123/23, Office of this Paper.

**Q**UALIFIED lady; 22; Scot; 7 years' experience, including Hospital and Window-dressing; excellent references. 122/28, Office of this Paper.

**Q**UALIFIED; widower; age 50; active; energetic; tall; Dispensing, Photography; good Prescriber; first-class experience. Young, 8 Sunbourn Road, St. Michael's, Liverpool.

**Q**UALIFIED Chemist and Optician; 7 years' good experience Pharmacy; abstainer; highest references; disengaged. 27 Horsemarket, Northampton.

**Q**UALIFIED; age 30 years; tall; 16 years' experience; good Dispenser, Window-dresser, Salesman; Locum or Managership. "C.," 239 Stapleton Road, Bristol.

**Q**UALIFIED Pharmacist desires Locum in Newcastle-on-Tyne from June 9; thoroughly experienced. Write "Chemist," 75 City Road, Birmingham.

**Q**UALIFIED Manager or Assistant; young, energetic and reliable; first-class Dispensing and Photographic experience; excellent references. "A. A.," 14 Ommaney Road, S.E.14.

**Q**UALIFIED, 38, requires permanency or temporary post as Manager or Senior; thorough all-round experience; well recommended; disengaged. 126/25, Office of this Paper.

**S**EASON.—Junior Assistant (Part I), age 21, 2½ years' experience in high-class pharmacy, requires situation from July to September; well recommended. Miss Smith, 62 Morehall Avenue, Folkestone.

**S**MART and pleasant Assistant; 6 ft. 1 in.; age 23; good, quick Salesman, up-to-date Window-dresser; Photography; D. & P.; Practipedics, Surgical; 8 years' experience; London 3 years; good references. R. Jolliffe, 432 Camden Road, N.7.

**U**NQUALIFIED; all-round West-End experience; 24; capable Dispenser, courteous Salesman; permanency or season. Alford, 70 Guildhall Street, Folkestone.

**U**NQUALIFIED; good worker; thorough knowledge in all branches, especially Dispensing; 3½ years last situation; moderate salary; disengaged. Neal, 20 Kingdon Road, West Hampstead, N.W.

**U**NQUALIFIED; all-round experience; West-End, etc.; temporary or otherwise; age 43. Little, 9, Westbourne Street, Chelsea, S.W.1.

**U**NQUALIFIED; 20; tall; Part I; June till September; good Dispenser, Salesman, Window-dresser. Cook, Hammersley Lane, Loudwater, Bucks.

**U**NQUALIFIED; life experience; all round; prefer country; tall. Price, 32 Belmont Road, Exeter.

**U**NQUALIFIED Assistant, 5½ years' good all-round experience in London and provinces, seeks permanency; excellent Window-dresser. 125/340, Office of this Paper.

**Y**OUNG qualified seeks post; Wilts, Somerset or Glos.; medium or working-class; over 2 years' London experience, where still engaged; accustomed to busy Counter and N.H.I.; willing worker. "Digitalis," 111/11, Office of this Paper.

## WHOLESALE.

**A** FULLY qualified Chemist, 28, possessing a sound, comprehensive knowledge of pharmacy, at present on the staff of a London Wholesale House, is desirous of obtaining a position, preferably of an administrative nature, offering wider scope and opportunities; first-class Retail, Hospital and educational records. 123/22, Office of this Paper.

**A** YOUNG, qualified Chemist, tall, of good appearance and address, seeks post as Representative of Wholesale or Manufacturing Chemists; keen and conscientious; excellent references. 123/40, Office of this Paper.



**A**T liberty; experienced Traveller; South and West of England; Drugs, Sundries and Perfumery; valuable Chemist's connection; undeniable references and record. Brockenhurst, 94 Kneller Road, Whitton, Twickenham.

**A**DVERTISER, first-class salesman, recently occupying important position with world-known house, desires to get into touch with firm of repute, Proprietary Lines, with a view to representation or sales management on a salary, commission and expenses basis. I have 20 years' clean record on the road, with a live connection among all the leading Wholesalers, Chemists, Perfumers, etc., in the South and Eastern districts, and can influence good business for a good firm. Address "Merit," P.C.B. 56/8, Office of this Paper.

**C**HEMIST, wishing relinquish own retail good-class business shortly in favour of a younger man, would appreciate position with established firm of repute, where 40 years' London and provincial experience, and qualification, could be utilised; active and energetic, with initiative; trustworthy; nominal salary for suitable position. Address 124/4, Office of this Paper.

**E**XPERIENCED Salesman, excellent references, well educated, very good connection with Chemists, Hairdressers, etc., South Coast and district, desires position with first-class house; own car if required. "Perfumery," 93/13, Office of this Paper.

**M.P.S.**, 24, Public School, at present Branch Manager, desires progressive situation, in- or outdoor, with Wholesale or Proprietary House, near London; sound technical knowledge; car if required; interview London by arrangement. 124/8, Office of this Paper.

**Q**UALIFIED, well educated, gentlemanly appearance and address, widely experienced, wishes to represent first-class house, Eastern Counties; car driver; energetic; excellent references. "Chemist," 88 Chapel Field Road, Norwich.

**R**EPRESENTATIVE, 34, requires progressive position; leading house; Drugs or Toilets; excellent connection West and South England; own car. 125/28, Office of this Paper.

**R**EQUIRED, Wholesale berth by progressive and reliable man, Drugs, Sundries, Patents, Photographic, or would consider travelling; 14 years' Retail experience; age 29. "Advance," 77 Gladstone Avenue, E.12.

**S**MART, energetic young man would like to represent high-class Toilet House or Drugs; salary and commission. 125/34, Office of this Paper.

**W**OMAN Traveller, age 30 years (trained Nurse), wishes to represent Drug and Sundries House in South-West England, to call on Doctors and Chemists; no previous experience; salary, commission and expenses required. Apply 116/2, Office of this Paper.

**Y**OUNG man, age 26, 3 years' Assistant, Retail Chemist, 4 years' Senior Assistant, Manufacturing Chemist, 2 years' travelling experience with well-known firms, seeks situation, inside or out. P.C.B. 56/7, Office of this Paper.

**Y**OUNG man of good appearance desires position as Junior Representative with firm of repute; 5½ years' Retail experience; keen salesman; highest references. Apply 122/16, Office of this Paper.

**Y**OUNG man (25), smart appearance, well spoken, present engaged Retail, desires position as Representative; preferably with Drug House; keen Salesman; energetic worker; good references. Welsh, 8 The Garth, Yardley Wood, Birmingham.

## FOR SALE.

**A** MAHOGANY nest of 33 Drawers, 12 ft. long (3 rows with 11 drawers in each), most commodious and well built, each drawer self-contained, £12 10s. cash; a bargain. A mahogany nest of 30 Drawers, 10 ft. long (3 rows with 10 drawers in each), very substantial and in beautiful condition, £13 to clear. Write 125/18, Office of this Paper.

**C**HEMIST Shop Fittings, comprising 8 ft. Counter, four glass doors at front, Wall Fixtures, 10 ft. Wall Fitting, glass mirrors at back, nest of Drawers; mahogany; first reasonable offer secures; South Lancashire. Apply 123/14, Office of this Paper.

**C**OMplete set of Fittings, comprising nests of 48 solid oak Chemist's Drawers, mahogany top Counter, sundry Cupboards, 112 ft. Oak Shelving, Bottle Rack, Glass Shelves, Shop Rounds, etc. Can be viewed by appointment. Apply by letter or 'phone, "M." 15 High Street, Pengo, S.E.20. 'Phone No.: Sydenham 5029.

**S**URPLUS FITTINGS.—Top of 6-ft. piano Wall Case, three glazed doors, nine (9) foot run of Drug Drawers with shelves and cornice, 6 ft. Dispensing Screen with large mirror and mirror-backed cases, all in mahogany and in good condition, £25 the lot. For appointment to inspect write Mr. Mason, 357 Stratford Road, Sparkhill, Birmingham.

**CLEAR OUT**—your Old or Damaged Stock of Photo Goods. Why keep them any longer? Turn them into CASH. **I GIVE BEST PRICES** for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along. **S. E. HACKETT, 23 July Road, Liverpool**

## MISCELLANEOUS.

**A** HIGH-GRADE PHARMACY has just closed down and we have been fortunate in securing the entire stock of Shop Fittings, all mahogany and plate glass, ready to use; would sell separately. Please send us your requirements, we can fix you up. **RUDDUCK & CO., 219 Old Street, London, E.C.1.**

**C**HEMISTS' FITTINGS.—Silent Salesman Cases, Drug Fittings, Wallcases, Dispensing Screens, glass-front Counters, Perfume Cases, Window Enclosures, Glass Shelves, Mirrors, Counter Drawers. Before you decide send to **GEORGE COOK**, the well-known Chemists' Fitter, 27 Macclesfield Street, City Road, London, E.C.1. 40 years' experience.

**L**IMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive fee. Advice free. **A. B. SLACK, 15 Christ Church Avenue, West Didsbury, Manchester.**

**S**HOPIFITTINGS, NEW OR SECOND-HAND.—In stock and ready for immediate despatch. Forward us the sizes of your pharmacy and we will quote by return of post. Write or call, **PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, London, E.C.1.** "Pharmacy Fitters for over a Century."

**£82 10s.** for Set of Mahogany Fittings, comprising 10 ft. Drug Fitting (fitted 30 drawers with glass labels and knobs), 10 ft. glass-fronted Counter, 6 ft. Wall Case, 6 ft. Dispensing Screen, Perfumery Case and Desk. Illustrations on request. **F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 356 Old Street, London, E.C.1.**

**£90** FOR COMPLETE SET of Main Fittings, comprising: 10 ft. Drug Range, complete with 30 drawers with bevelled edge glass labels and two poison cupboards, shelves and lockers; 10 ft. glass-fronted Counter with drawers at back, 6 ft. Dispensing Screen, 6 ft. Wallcase, Perfumery Desk and Case. We have erected a complete Chemist Shop in our Show Rooms. 40-page Catalogue on request. **D. MATTHEWS & SON, Chemist Shop Fitters, 14/16 Manchester Street, Liverpool.**

## EXCHANGE COLUMN.

### FOR DISPOSAL.

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